

Gene Symbol	Probeset	FoldChanges	p-values
IGH@ /// IGHG1 /// IGHM /// IGHV4-31 /// LOC100290146	211430_PM_s_at	11.40741	4.20326E-17
ISG20	204698_PM_at	4.0462	5.85442E-17
SYT11	209197_PM_at	1.77801	7.36811E-17
IFITM1	201601_PM_x_at	1.9272	1.9268E-16
CCL5	1405_PM_i_at	4.00685	1.9397E-16
TMSB10	217733_PM_s_at	1.63075	2.17797E-16
CORO1A	209083_PM_at	3.73129	4.12839E-16
HCLS1	202957_PM_at	3.06881	4.45648E-16
BIRC3	210538_PM_s_at	2.67959	5.08849E-16
DOCK2	213160_PM_at	2.69369	6.41558E-16
NFKBIZ	223217_PM_s_at	2.83514	7.45433E-16
CD2	205831_PM_at	3.52527	8.77826E-16
AKNA	225701_PM_at	1.71945	9.22301E-16
HLA-DPB1	201137_PM_s_at	2.2173	9.42436E-16
ARHGAP30	226219_PM_at	2.72395	9.69177E-16
IFITM3	212203_PM_x_at	1.52195	9.82788E-16
GLRX5	221932_PM_s_at	-1.36269	9.94665E-16
RAC2	207419_PM_s_at	2.5157	1.06869E-15
IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	211644_PM_x_at	7.30093	1.48051E-15
HLA-C	208812_PM_x_at	1.4107	1.48062E-15
TAP1	202307_PM_s_at	2.1515	1.49655E-15
C1RL	218983_PM_at	1.5641	1.51605E-15
IFITM2	201315_PM_x_at	1.58932	1.58187E-15
SERPING1	200986_PM_at	2.2121	1.69197E-15
NFATC2	226991_PM_at	2.38141	1.98182E-15
MAFF	205193_PM_at	2.37303	2.20386E-15
SLC2A12	235050_PM_at	-1.83088	2.7085E-15
TMEM173	224916_PM_at	1.94408	3.29438E-15
FXYS5	218084_PM_x_at	2.80559	3.32434E-15
LOC100303728	239125_PM_at	-1.36711	3.39558E-15
FAM26F	228362_PM_s_at	2.22722	3.56648E-15
IL7R	205798_PM_at	4.06928	3.78108E-15
CAP1	200625_PM_s_at	1.29055	3.91918E-15

C16orf54	1559584_PM_a_at	3.12784	4.87209E-15
LOC541471 /// NCRNA00152	225799_PM_at	2.20831	4.9585E-15
PYCARD	221666_PM_s_at	2.43345	5.56908E-15
ARL4C	202206_PM_at	2.86558	5.58362E-15
RASSF5	223322_PM_at	1.60762	5.59265E-15
IGLL1 /// IGLL3 /// LOC91316	215946_PM_x_at	4.8313	5.6338E-15
NLRC5	226474_PM_at	2.62047	5.72298E-15
DARC	208335_PM_s_at	4.13711	6.39475E-15
EVI2B	211742_PM_s_at	3.57667	6.44501E-15
ACSL5	218322_PM_s_at	1.96055	7.61042E-15
STAU1	207320_PM_x_at	-1.449	7.63012E-15
MRO	224323_PM_s_at	-3.59377	9.25859E-15
SLA	203760_PM_s_at	2.43008	9.28355E-15
ATPAF1	224728_PM_at	-1.42761	1.0001E-14
GBP2	202748_PM_at	2.37886	1.02866E-14
PLP2	201136_PM_at	1.99981	1.09403E-14
GZMA	205488_PM_at	3.44276	1.09925E-14
PDLIM1	208690_PM_s_at	1.81117	1.10037E-14
CD53	203416_PM_at	2.95464	1.11227E-14
NECAB2	215005_PM_at	-2.36625	1.1255E-14
EGF	206254_PM_at	-4.1334	1.13274E-14
KIAA1949	224927_PM_at	2.45886	1.15489E-14
GPR171	207651_PM_at	3.04808	1.17074E-14
HS3ST1	205465_PM_x_at	1.71681	1.20324E-14
HLA-DRB1	208306_PM_x_at	1.67782	1.21039E-14
MYO1F	213733_PM_at	2.10263	1.28388E-14
SASH3	204923_PM_at	2.57074	1.29605E-14
TNFAIP3	202643_PM_s_at	2.22557	1.57804E-14
C1orf162	228532_PM_at	2.6618	1.64304E-14
TRIM50	1556554_PM_at	-2.38878	1.82358E-14
RNASE6	213566_PM_at	2.82254	1.91581E-14
CP	204846_PM_at	2.42895	1.94816E-14
HLA-DRB1 /// HLA-DRB4	204670_PM_x_at	1.6968	2.08852E-14
SOX9	202935_PM_s_at	2.62454	2.18975E-14

CD69	209795_PM_at	3.01352	2.20104E-14
SLC34A3	1552510_PM_at	-1.83643	2.22671E-14
RGS19	204336_PM_s_at	2.28591	2.23005E-14
CSF1R	203104_PM_at	2.13868	2.25075E-14
CARD16	1552701_PM_a_at	2.56053	2.82633E-14
C1QB	202953_PM_at	3.1723	3.03593E-14
GPR98	223582_PM_at	-3.83064	3.04273E-14
P2RY13	220005_PM_at	2.16771	3.1991E-14
CSF2RB	205159_PM_at	3.14028	3.35641E-14
HLA-A	213932_PM_x_at	1.33587	3.39368E-14
LAPTM5	201720_PM_s_at	2.85296	3.39853E-14
NCF4	205147_PM_x_at	2.02211	3.41536E-14
DTX3L	225415_PM_at	1.90371	3.43431E-14
HCST	223640_PM_at	2.51147	3.45442E-14
IGK@ /// IGKC /// LOC100291464	215176_PM_x_at	8.99404	3.45553E-14
NELL1	206089_PM_at	-1.63303	3.68296E-14
C1orf38	207571_PM_x_at	2.34961	3.72013E-14
IDH1	201193_PM_at	-1.66517	3.8204E-14
EVI2A	204774_PM_at	2.83515	3.83132E-14
ODF3B	235257_PM_at	1.62958	3.85748E-14
CPEB3	205773_PM_at	-1.36923	3.86049E-14
LOC100130100 /// LOC100291464	217378_PM_x_at	7.2934	4.71699E-14
PSMB9	204279_PM_at	2.15575	4.74946E-14
IL10RA	204912_PM_at	2.9664	4.76681E-14
PARP12	218543_PM_s_at	1.71846	6.47385E-14
SIRT4	220047_PM_at	-1.40516	6.73835E-14
IL15RA	207375_PM_s_at	1.90575	6.97458E-14
HLA-E	200904_PM_at	1.49598	7.00126E-14
A2LD1	232422_PM_at	-2.25376	7.45372E-14
HLA-DQB1 /// LOC100294318	211656_PM_x_at	2.43956	7.63467E-14
RAB40B	204547_PM_at	-1.46271	7.95567E-14
C1QC	225353_PM_s_at	2.79753	8.00541E-14
HLA-DMB	203932_PM_at	1.79678	8.07136E-14
TNFAIP2	202509_PM_s_at	1.63291	9.21547E-14

SMPDL3A	213624_PM_at	-1.77992	9.33149E-14
C21orf63	227188_PM_at	1.73317	9.94599E-14
IGLV2-23 /// LOC100293440	216984_PM_x_at	7.33113	9.94953E-14
MRPS12	204330_PM_s_at	-1.3706	9.95228E-14
LCP2	205269_PM_at	1.97761	9.99543E-14
DIP2C	212503_PM_s_at	-1.70697	1.00068E-13
STAT4	206118_PM_at	2.27401	1.00521E-13
LOC652493	216401_PM_x_at	6.173	1.0272E-13
CLU	208791_PM_at	1.99102	1.08786E-13
SAMHD1	204502_PM_at	2.41189	1.09228E-13
HCP5	206082_PM_at	2.15187	1.09387E-13
ELF4	31845_PM_at	1.91786	1.1161E-13
LOC100287723	217480_PM_x_at	5.74745	1.17891E-13
CXCL2	209774_PM_x_at	2.75329	1.20986E-13
TIMP1	201666_PM_at	2.35792	1.3898E-13
CD48	204118_PM_at	2.38438	1.52469E-13
SERPINA3	202376_PM_at	5.21584	1.61091E-13
CASP1	206011_PM_at	2.40634	1.73182E-13
MARCKSL1	200644_PM_at	1.75081	1.96769E-13
ARHGAP25	204882_PM_at	2.08915	2.21542E-13
PARVG	223562_PM_at	1.84966	2.28763E-13
APOBEC3G	204205_PM_at	1.58892	2.37913E-13
PVALB	205336_PM_at	-3.15556	2.39385E-13
PSMB10	202659_PM_at	1.75288	2.42253E-13
S100A11	200660_PM_at	1.65144	2.42288E-13
IRF1	202531_PM_at	2.28865	2.85004E-13
TM4SF5	206242_PM_at	-2.34684	2.90005E-13
LTF	202018_PM_s_at	7.04571	2.91509E-13
RTP4	219684_PM_at	2.04466	3.12537E-13
ELF3	201510_PM_at	2.3783	3.14525E-13
TMEM19	219941_PM_at	-1.52983	3.23971E-13
LDLRAD3	234985_PM_at	1.75688	3.24408E-13
VCAM1	203868_PM_s_at	1.7395	3.31889E-13
KLRK1	205821_PM_at	2.64549	3.32146E-13

RNF213	225929_PM_s_at	1.77083	3.32165E-13
LST1	210629_PM_x_at	2.29384	3.33356E-13
GIMAP5	218805_PM_at	1.77718	3.5292E-13
KCNK6	223658_PM_at	1.72256	3.55377E-13
CYTIP	209606_PM_at	2.7162	3.56497E-13
CD8A	205758_PM_at	3.1644	3.59828E-13
KIAA1274	231887_PM_s_at	1.60179	3.62056E-13
MYC	202431_PM_s_at	1.46571	3.62981E-13
SAMD9L	226603_PM_at	1.88347	3.90809E-13
LY86	205859_PM_at	2.41125	4.36758E-13
ARHGAP9	224451_PM_x_at	2.6089	4.45001E-13
NDUFAB1	202077_PM_at	-1.25333	4.45909E-13
HLA-F	204806_PM_x_at	1.67809	4.46064E-13
HLA-DQB1	209480_PM_at	2.36562	4.4636E-13
CXCL1	204470_PM_at	3.61537	4.49429E-13
BAZ1A	217985_PM_s_at	1.97808	4.51342E-13
HLA-DPA1	211990_PM_at	2.02493	4.74026E-13
CD3D	213539_PM_at	3.45973	4.75439E-13
FERMT3	223303_PM_at	1.99219	4.93106E-13
PHLDA2	209803_PM_s_at	2.23034	5.28708E-13
CD52	204661_PM_at	3.83768	5.40919E-13
	1-Mar 219574_PM_at	2.36728	5.45381E-13
LCK	204890_PM_s_at	2.35477	5.56913E-13
RNF125	207735_PM_at	1.57508	6.18608E-13
STAB1	204150_PM_at	2.21584	6.55273E-13
LOC153328	231372_PM_at	-1.74773	6.71837E-13
CD97	202910_PM_s_at	1.94432	7.01581E-13
TRIM22	213293_PM_s_at	2.11406	7.08468E-13
DENND3	212974_PM_at	1.31494	7.11999E-13
STMN3	222557_PM_at	1.6056	7.70601E-13
PARP14	224701_PM_at	1.80358	7.95018E-13
GAB3	228410_PM_at	1.67492	8.04679E-13
NNMT	202238_PM_s_at	2.63635	8.08787E-13
IGJ	212592_PM_at	6.68816	8.43321E-13

GLTPD2	230971_PM_x_at	-1.89932	9.22363E-13
HLA-DMA	217478_PM_s_at	1.95458	9.42082E-13
SELENBP1	214433_PM_s_at	-1.43236	9.45682E-13
POLD3	212836_PM_at	-1.53249	9.59039E-13
SERPINB9	209723_PM_at	2.08374	9.61111E-13
CCDC109B	218802_PM_at	2.44349	9.63841E-13
HOPX	211597_PM_s_at	2.94269	9.73275E-13
SFN	209260_PM_at	2.63003	1.00038E-12
UBE2QL1	226612_PM_at	-2.07908	1.04982E-12
KLRB1	214470_PM_at	2.79326	1.06451E-12
MIR21	224917_PM_at	2.52638	1.08657E-12
POU2AF1	205267_PM_at	2.15594	1.09702E-12
MTHFD1L	225520_PM_at	1.46726	1.10821E-12
PLAC8	219014_PM_at	3.34498	1.11807E-12
LOC100131781	240320_PM_at	-4.96576	1.15354E-12
B2M	216231_PM_s_at	1.73196	1.22639E-12
AFM	206840_PM_at	-4.86228	1.2301E-12
C11orf71	218789_PM_s_at	-1.68172	1.27643E-12
GABBR1 /// UBD	205890_PM_s_at	2.74028	1.28158E-12
KCNT2	234103_PM_at	2.08601	1.28366E-12
ITGAM	205786_PM_s_at	2.42459	1.29338E-12
HIF1A	200989_PM_at	1.443	1.33315E-12
JUN	201464_PM_x_at	1.85753	1.35201E-12
SMAP2	225282_PM_at	1.91091	1.35391E-12
HAGH	205012_PM_s_at	-1.8037	1.37643E-12
SPON2	218638_PM_s_at	2.49218	1.38175E-12
CPA3	205624_PM_at	3.84839	1.52462E-12
RNLS	223824_PM_at	-1.85161	1.62934E-12
MMP7	204259_PM_at	3.06587	1.63094E-12
ROGDI	218394_PM_at	-1.60903	1.63201E-12
VWF	202112_PM_at	1.92093	1.63547E-12
SLC2A5	204429_PM_s_at	-2.25205	1.63774E-12
TNFSF13B	223501_PM_at	2.62043	1.66755E-12
MIR155HG	229437_PM_at	2.46637	1.68329E-12

IGK@ /// IGKC /// LOC652493 /// LOC652694	216576_PM_x_at	3.3768	1.75166E-12
TYROBP	204122_PM_at	2.41022	1.7788E-12
IFI16	206332_PM_s_at	2.19374	1.79884E-12
TMEM207	237639_PM_at	-3.23923	1.82057E-12
NFE2L3	204702_PM_s_at	1.55342	1.82297E-12
ALAD	218487_PM_at	-1.77042	1.8233E-12
FDX1	203646_PM_at	-1.53288	1.82727E-12
EDN1	218995_PM_s_at	1.78915	1.84006E-12
CXCL16	223454_PM_at	2.04542	1.9127E-12
ZYG11A	231517_PM_at	-2.30077	1.91373E-12
SLPI	203021_PM_at	4.0062	1.98102E-12
ZFP36	201531_PM_at	1.53554	1.98717E-12
NKG7	213915_PM_at	2.4525	2.12434E-12
ASB9	205673_PM_s_at	-2.46173	2.17112E-12
GRPEL1	212432_PM_at	-1.53191	2.17391E-12
SELL	204563_PM_at	2.89494	2.18413E-12
C2orf88	223754_PM_at	-1.56923	2.22709E-12
PTPRE	221840_PM_at	1.55588	2.26028E-12
CRYBB3	207685_PM_at	-1.56734	2.3264E-12
CTSL2	210074_PM_at	-2.71018	2.3291E-12
CDC25B	201853_PM_s_at	1.67336	2.33224E-12
ARRDC2	226055_PM_at	1.90052	2.40937E-12
DNAJC19	225358_PM_at	-1.516	2.40986E-12
AMICA1	228094_PM_at	2.02597	2.4479E-12
TNFRSF1B	203508_PM_at	2.0994	2.49766E-12
MUTED /// TXNDC5	221253_PM_s_at	1.45614	2.5659E-12
CAPZA1	208374_PM_s_at	1.32053	2.57639E-12
CECR1	219505_PM_at	2.14925	2.58313E-12
ITM2C	221004_PM_s_at	1.6532	2.63469E-12
IRF8	204057_PM_at	2.03413	2.82877E-12
FRMD7	233047_PM_at	-1.5064	2.8371E-12
BTN3A2 /// BTN3A3	204820_PM_s_at	1.70629	2.84018E-12
TCIRG1	204158_PM_s_at	2.09753	2.8426E-12
IRF9	203882_PM_at	1.56375	2.97962E-12

NDUFC1	203478_PM_at	-1.54318	2.98044E-12
AHR	202820_PM_at	1.66805	2.98295E-12
SETD3	212465_PM_at	-1.40401	2.99403E-12
PSME2	201762_PM_s_at	1.367	3.14315E-12
MGC29506	221286_PM_s_at	4.01488	3.22962E-12
KLK1	216699_PM_s_at	-3.24701	3.29965E-12
CYP3A4	205998_PM_x_at	-1.99063	3.4301E-12
PSMB8	209040_PM_s_at	1.76299	3.45737E-12
GZMH	210321_PM_at	2.00457	3.46722E-12
CD1D	205789_PM_at	1.85764	3.70355E-12
KLF6	208960_PM_s_at	1.77055	3.71455E-12
ICAM1	202637_PM_s_at	1.94496	3.79593E-12
IFNAR2	204785_PM_x_at	1.43866	3.80823E-12
TNFAIP8	208296_PM_x_at	1.86595	3.82519E-12
TLR2	204924_PM_at	1.81733	3.83338E-12
XCL1 /// XCL2	214567_PM_s_at	2.73771	3.86871E-12
FCGR2A	203561_PM_at	2.33096	3.9628E-12
MYO7A	208189_PM_s_at	-1.37216	4.07673E-12
RABGGTB	209180_PM_at	-1.56971	4.57674E-12
PARP9	227807_PM_at	1.67057	4.60885E-12
ITGAL	213475_PM_s_at	1.96756	4.85075E-12
STK10	203047_PM_at	1.65095	4.85514E-12
ARHGAP26	205068_PM_s_at	1.36904	4.87274E-12
FCER1G	204232_PM_at	2.58881	5.05391E-12
BIN2	219191_PM_s_at	1.9352	5.10345E-12
ESYT1	208858_PM_s_at	1.46717	5.21938E-12
NFS1	218455_PM_at	-1.56205	5.34191E-12
GBP5	229625_PM_at	2.44446	5.43627E-12
ARPC2	207988_PM_s_at	1.28966	5.44335E-12
RASD1	223467_PM_at	2.26912	5.44952E-12
PTMA	200772_PM_x_at	1.25522	5.73662E-12
UQCR10	218190_PM_s_at	-1.33546	5.75752E-12
GMFG	204220_PM_at	2.04428	5.76503E-12
GIMAP2	232024_PM_at	2.14371	5.91929E-12

SURF6	225038_PM_s_at	-1.36707	6.07247E-12
UBE2L6	201649_PM_at	1.62149	6.12381E-12
CST7	210140_PM_at	2.30913	6.15418E-12
A2M	217757_PM_at	1.21305	6.34581E-12
HADH	201035_PM_s_at	-1.90976	6.59143E-12
RAB31	217762_PM_s_at	1.88407	6.62531E-12
APOL1	209546_PM_s_at	1.90816	6.63463E-12
GPR183	205419_PM_at	2.63603	6.69631E-12
HMHA1	212873_PM_at	2.05614	7.1718E-12
PDK2	202590_PM_s_at	-1.73746	7.25434E-12
CIITA	205101_PM_at	1.97119	7.27592E-12
AIM2	206513_PM_at	2.4199	7.46792E-12
RNF152	1553721_PM_at	-1.3943	7.64006E-12
PTGER3	208169_PM_s_at	-2.32017	7.71203E-12
ALB	211298_PM_s_at	-6.00402	7.77434E-12
KLF4	220266_PM_s_at	1.65024	7.80429E-12
LOC100289727 /// NCF1 /// NCF1B /// NCF1C	214084_PM_x_at	2.04744	7.81263E-12
LY96	206584_PM_at	2.79123	7.85093E-12
BATF3	220358_PM_at	1.48923	8.07124E-12
CYP3A7	205939_PM_at	-2.5866	8.07395E-12
IVD	203682_PM_s_at	-1.67256	8.23848E-12
FCGR2B	210889_PM_s_at	2.61712	8.28148E-12
SLAMF8	219385_PM_at	2.25126	8.37634E-12
ADI1	217761_PM_at	-1.58768	8.64887E-12
AGR2	209173_PM_at	2.48735	9.13006E-12
APOH	205216_PM_s_at	-3.97328	9.18659E-12
SP110	208012_PM_x_at	1.68822	9.23639E-12
SLC16A10	219915_PM_s_at	-2.39947	9.47025E-12
RASGRP2	208206_PM_s_at	1.54897	9.51615E-12
C1R	212067_PM_s_at	2.16093	9.58925E-12
MS4A6A	219666_PM_at	2.45259	9.61788E-12
HRG	206226_PM_at	-2.55609	9.8906E-12
LONRF3	220009_PM_at	-1.39164	9.92932E-12
SH2B3	203320_PM_at	1.67166	1.00118E-11

SAMD3	236782_PM_at	1.83784	1.02537E-11
AGR3	228241_PM_at	2.46992	1.02589E-11
CARD16 /// CASP1	1552703_PM_s_at	2.24927	1.02649E-11
SECTM1	213716_PM_s_at	1.82195	1.02814E-11
IL16	209827_PM_s_at	1.77908	1.04452E-11
HLA-DRB6	217362_PM_x_at	1.54086	1.10197E-11
COX8A	201119_PM_s_at	-1.27301	1.13513E-11
CD3G	206804_PM_at	2.35582	1.1446E-11
ISOC2	218893_PM_at	-1.77699	1.14593E-11
TNFAIP8L2	223583_PM_at	1.60103	1.14635E-11
TLN2	212701_PM_at	-2.01685	1.15787E-11
IKZF1	205038_PM_at	1.52775	1.19488E-11
PXDN	212012_PM_at	2.14516	1.21735E-11
TUBA1A	209118_PM_s_at	1.70576	1.23232E-11
ACTN1	208636_PM_at	1.86659	1.24221E-11
ACAT1	205412_PM_at	-1.5554	1.28655E-11
DISC1 /// TSNAX-DISC1	206090_PM_s_at	1.44426	1.3166E-11
CCR2	206978_PM_at	1.70742	1.31921E-11
C12orf35	218614_PM_at	1.92178	1.38003E-11
HLA-DOB	205671_PM_s_at	2.00599	1.40054E-11
ISCA1	209273_PM_s_at	-1.53493	1.42372E-11
MX2	204994_PM_at	2.13031	1.42774E-11
ALPL	215783_PM_s_at	-1.50806	1.4342E-11
DAK	218688_PM_at	-1.89131	1.44438E-11
FYB	205285_PM_s_at	1.94501	1.47347E-11
EOMES	231776_PM_at	2.1215	1.4822E-11
MPEG1	226818_PM_at	2.54003	1.49117E-11
KCNE3	222922_PM_at	-1.61723	1.49245E-11
ANGPTL3	219803_PM_at	-2.80695	1.49491E-11
AFAP1	203563_PM_at	1.27478	1.49502E-11
PARP8	219033_PM_at	1.88942	1.53099E-11
TCL6	207894_PM_s_at	-1.44252	1.55654E-11
FAM83D	225687_PM_at	-2.20709	1.613E-11
EMB	226789_PM_at	2.48562	1.61676E-11

NLRC3	236295_PM_s_at	2.16292	1.64737E-11
CD86	205685_PM_at	1.71141	1.65305E-11
LCP1	208885_PM_at	2.24809	1.6605E-11
CCDC150	232398_PM_at	-1.68909	1.66812E-11
XCL1	206366_PM_x_at	2.48945	1.67221E-11
LYN	202625_PM_at	1.96655	1.69611E-11
L2HGDH	220089_PM_at	-1.7192	1.73778E-11
F11	206610_PM_s_at	-1.47482	1.84381E-11
C17orf62	218130_PM_at	1.55434	1.89131E-11
SUCLG1	217874_PM_at	-1.56297	1.94642E-11
LOC96610	224342_PM_x_at	1.70572	2.04336E-11
CSTA	204971_PM_at	2.66405	2.11409E-11
TACO1	221069_PM_s_at	-1.28237	2.11431E-11
FCHSD2	203620_PM_s_at	1.32911	2.16802E-11
IL2RB	205291_PM_at	2.1355	2.22732E-11
PHB	200658_PM_s_at	-1.54095	2.25308E-11
VOPP1	208091_PM_s_at	1.49887	2.26761E-11
ESRRA	1487_PM_at	-1.45367	2.27715E-11
CEP110	205642_PM_at	1.69336	2.33205E-11
SLC30A8	239983_PM_at	-1.70641	2.33679E-11
SH3RF3	228461_PM_at	1.44671	2.38934E-11
ACOT11	214763_PM_at	-1.38566	2.39637E-11
KCNJ3	207141_PM_s_at	-1.40753	2.41834E-11
EFCAB4B	228752_PM_at	1.78338	2.43456E-11
LGALS9	203236_PM_s_at	1.58533	2.46329E-11
NPDC1	218086_PM_at	1.65471	2.46362E-11
MNDA	204959_PM_at	2.45398	2.4733E-11
PLCL1	205934_PM_at	-1.80694	2.52423E-11
LRRC8C	223533_PM_at	1.37579	2.5692E-11
IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG2 /// IGHG3 /// IGH	217281_PM_x_at	4.75382	2.60619E-11
CD247	210031_PM_at	2.09056	2.61766E-11
RNF145	226077_PM_at	1.45221	2.62663E-11
CHCHD4	229595_PM_at	-1.35727	2.68993E-11
CCR5	206991_PM_s_at	1.96658	2.73861E-11

TPBG	203476_PM_at	2.00308	2.87626E-11
C19orf66	218429_PM_s_at	1.58817	3.01598E-11
ALDH3A2	202053_PM_s_at	-1.72806	3.03917E-11
SNTA1	203516_PM_at	-1.68446	3.08142E-11
ATP5G3	207507_PM_s_at	-1.22998	3.08826E-11
FGGY	219718_PM_at	-1.36568	3.11736E-11
IER3	201631_PM_s_at	1.64265	3.11784E-11
C2CD2	212875_PM_s_at	1.51245	3.15541E-11
AOAH	205639_PM_at	1.99531	3.24189E-11
SLC2A3	202497_PM_x_at	1.74217	3.2457E-11
GZMK	206666_PM_at	3.05511	3.24585E-11
FKBP11	219117_PM_s_at	2.03225	3.26765E-11
EGR1	201693_PM_s_at	2.03507	3.29238E-11
C10orf10	209182_PM_s_at	1.56903	3.33035E-11
PRKCB	207957_PM_s_at	1.96288	3.35055E-11
IGSF6	206420_PM_at	2.46715	3.3809E-11
GPD1L	212510_PM_at	-1.40814	3.5903E-11
TLR7	220146_PM_at	1.44556	3.6234E-11
IRF7	208436_PM_s_at	1.77173	3.6835E-11
SGK223	235085_PM_at	1.55722	3.88014E-11
IGLC1 /// IGLL5 /// IGLV3-16 /// IGLV3-25	215214_PM_at	5.12682	3.98529E-11
CXCL6	206336_PM_at	4.19616	4.03556E-11
SLC27A3	222217_PM_s_at	1.55831	4.06266E-11
DAPP1	219290_PM_x_at	1.7261	4.07031E-11
NCF2	209949_PM_at	2.19789	4.24886E-11
TRIM10	221627_PM_at	-1.57089	4.25075E-11
SLC12A3	208354_PM_s_at	-2.58554	4.32221E-11
RELL1	226430_PM_at	1.57197	4.32488E-11
CRIP1	205081_PM_at	2.03088	4.34962E-11
HLA-A /// LOC441528	215313_PM_x_at	1.3111	4.45372E-11
AG2	227099_PM_s_at	1.97579	4.50598E-11
TNFRSF17	206641_PM_at	3.55826	4.55108E-11
NRP1	210510_PM_s_at	1.29826	4.62218E-11
LOC727820	227383_PM_at	2.21092	4.6854E-11

C9orf103	227865_PM_at	-1.96455	4.71018E-11
SLCO3A1	210542_PM_s_at	1.74508	4.72259E-11
NDUFS3	201740_PM_at	-1.27336	4.78008E-11
SHBG	215689_PM_s_at	-1.49885	4.78755E-11
VAV1	206219_PM_s_at	1.65525	4.80631E-11
C10orf140	1559265_PM_at	-1.30471	4.93824E-11
CREB5	205931_PM_s_at	1.80555	5.12099E-11
SLC2A4RG	218494_PM_s_at	-1.5787	5.1574E-11
GALK1	204374_PM_s_at	-1.33611	5.17836E-11
RHBDF2	219202_PM_at	1.72231	5.2206E-11
RHOG	203175_PM_at	1.54267	5.23758E-11
IL27RA	205926_PM_at	1.74781	5.28051E-11
MS4A7	223343_PM_at	2.57566	5.35231E-11
MSH3	205887_PM_x_at	-1.52691	5.35522E-11
LOC727944	231256_PM_at	-2.84545	5.36464E-11
NCKAP1L	209734_PM_at	1.89767	5.47234E-11
ECSIT	218225_PM_at	-1.4658	5.68462E-11
AXL	202685_PM_s_at	1.49811	5.91492E-11
CRELD2	218358_PM_at	1.31546	6.08322E-11
ITK	211339_PM_s_at	2.06153	6.12965E-11
VSIG4	204787_PM_at	2.71263	6.13165E-11
SLC5A11	237254_PM_at	-2.35792	6.13818E-11
PFKFB2	207931_PM_s_at	-1.46829	6.19901E-11
QPCT	205174_PM_s_at	2.06795	6.2015E-11
SERPINA6	206325_PM_at	-2.66337	6.2388E-11
UBA7	1294_PM_at	1.57755	6.24908E-11
PNPLA3	220675_PM_s_at	-2.2392	6.2559E-11
RHCG	219554_PM_at	-2.41784	6.25845E-11
RASSF2	203185_PM_at	2.43702	6.56346E-11
CKLF	219161_PM_s_at	1.67967	6.67218E-11
SLC25A30	226782_PM_at	-1.34399	6.7735E-11
MMD	203414_PM_at	1.38767	6.81759E-11
MARCKS	201668_PM_x_at	2.08405	6.89689E-11
DERA	218102_PM_at	-1.37004	6.90293E-11

PMPCB	201682_PM_at	-1.24244	6.92783E-11
CDH3	203256_PM_at	1.87644	6.97185E-11
MLKL	238025_PM_at	1.91515	7.08641E-11
HNF4A	208429_PM_x_at	-1.35705	7.10567E-11
ANKRD46	212731_PM_at	-1.59886	7.12717E-11
JUNB	201473_PM_at	1.47923	7.13349E-11
PHF11	221816_PM_s_at	1.46501	7.14021E-11
CLEC10A	206682_PM_at	2.1855	7.21833E-11
PLTP	202075_PM_s_at	2.07585	7.22324E-11
ACADSB	205355_PM_at	-1.98175	7.37922E-11
ITPR3	201187_PM_s_at	1.69003	7.39849E-11
SLC25A33	223296_PM_at	-1.59633	7.47733E-11
IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4	211641_PM_x_at	3.13957	8.02442E-11
TRIM38	203567_PM_s_at	1.40639	8.13325E-11
LAT2	211768_PM_at	1.38699	8.40561E-11
BCL2L10	221320_PM_at	-1.23206	8.506E-11
HS6ST2	230030_PM_at	-2.37182	8.51127E-11
GK3P	215966_PM_x_at	-2.14747	8.53993E-11
MLL3	222413_PM_s_at	1.6627	8.54361E-11
COQ5	223114_PM_at	-1.2862	8.5823E-11
TPRG1L	224871_PM_at	-1.45654	8.61691E-11
DLEU1	205677_PM_s_at	-1.53452	8.62698E-11
DNMT3L	220139_PM_at	-2.32819	8.65233E-11
FLJ39739	239005_PM_at	1.47238	8.66605E-11
PLEK	203470_PM_s_at	2.24934	8.67473E-11
SLC6A19	231021_PM_at	-2.89613	8.80769E-11
LOC729887	230591_PM_at	-1.34629	8.8263E-11
LAMC2	202267_PM_at	1.41667	8.83371E-11
FRMD3	229893_PM_at	-1.68436	8.87204E-11
ELMOD1	231930_PM_at	-1.84259	8.98267E-11
TMEM143	222905_PM_s_at	-1.40208	8.98758E-11
ITPRIP	225582_PM_at	1.45889	8.98899E-11
SLC17A5	221041_PM_s_at	-1.71675	9.01942E-11
GIMAP4	219243_PM_at	1.53508	9.08216E-11

LYPLAL1	226851_PM_at	-1.43084	9.16622E-11
PTPRC	207238_PM_s_at	2.87369	9.24831E-11
ACAA2	202002_PM_at	-1.50589	9.7683E-11
ATP6V1C2	1553989_PM_a_at	-2.10172	9.7803E-11
LOC91316	213502_PM_x_at	1.76137	9.79163E-11
HCK	208018_PM_s_at	1.99665	1.00041E-10
COX5A	203663_PM_s_at	-1.33323	1.01179E-10
KCNN2	220116_PM_at	-2.13846	1.03947E-10
FCN1	205237_PM_at	2.06304	1.0433E-10
AMT	204294_PM_at	-1.45706	1.04488E-10
TGFBI	201506_PM_at	1.99438	1.04523E-10
PLEKHO2	204436_PM_at	1.72138	1.04571E-10
PMEPA1	217875_PM_s_at	1.70256	1.07381E-10
IL7	206693_PM_at	1.7019	1.10691E-10
SFXN1	218392_PM_x_at	-1.67226	1.113E-10
ANK2	202920_PM_at	-1.96266	1.11914E-10
STC2	203438_PM_at	-1.60602	1.12934E-10
GPR89A /// GPR89B /// GPR89C	222140_PM_s_at	-1.65102	1.13966E-10
SAT2	225272_PM_at	-1.61173	1.15815E-10
SP100	202863_PM_at	1.63902	1.17172E-10
ANXA2	201590_PM_x_at	1.62622	1.1997E-10
RCN1	201063_PM_at	1.55065	1.20547E-10
GK	207387_PM_s_at	-2.34124	1.20749E-10
ATG16L2	225883_PM_at	1.5091	1.21412E-10
CMTM3	224733_PM_at	1.61177	1.21976E-10
VCAN	204619_PM_s_at	3.39373	1.23104E-10
NFKBIA	201502_PM_s_at	1.45009	1.23241E-10
C10orf26	202808_PM_at	1.25504	1.25251E-10
AKAP12	210517_PM_s_at	1.83486	1.26269E-10
MRPL34	221692_PM_s_at	-1.39201	1.28276E-10
APOL6	219716_PM_at	1.65192	1.33445E-10
LAYN	228080_PM_at	1.72056	1.34486E-10
PVRIG	219812_PM_at	2.11494	1.38168E-10
PLEKHA5	220952_PM_s_at	-1.73407	1.3823E-10

ANXA2P2	208816_PM_x_at	1.6169	1.40309E-10
REG1A	209752_PM_at	4.14217	1.4374E-10
CALML3	210020_PM_x_at	-2.26506	1.48375E-10
CCL4	204103_PM_at	3.21164	1.4886E-10
LETM1	218939_PM_at	-1.40431	1.51849E-10
BTD	204167_PM_at	-1.61144	1.53828E-10
MICAL2	212472_PM_at	1.81563	1.58313E-10
BRP44	202427_PM_s_at	-1.41272	1.58929E-10
ABHD10	218633_PM_x_at	-1.59137	1.59125E-10
PTPMT1	223808_PM_s_at	-1.31977	1.6313E-10
GATSL3 /// TBC1D10A	226613_PM_at	-1.84386	1.63263E-10
GYPA	211820_PM_x_at	-1.31658	1.63279E-10
IGHD /// LOC100290059 /// LOC100292999	214973_PM_x_at	3.52182	1.67132E-10
CLEC4E	219859_PM_at	1.431	1.69626E-10
FAM65B	206707_PM_x_at	1.81555	1.73913E-10
NHSL1	226490_PM_at	-1.4926	1.77184E-10
FPR1	205119_PM_s_at	2.15398	1.77185E-10
LOC100289210	229291_PM_at	-1.24368	1.85698E-10
G6PC	206952_PM_at	-2.85044	1.91158E-10
GPR65	214467_PM_at	1.9509	1.9501E-10
VEGFA	210512_PM_s_at	-1.67704	1.95075E-10
C3	217767_PM_at	2.84972	1.98401E-10
ACOT8	204212_PM_at	-1.33257	1.99473E-10
PLA2G12B	224411_PM_at	-2.1866	2.02005E-10
KLHDC2	217906_PM_at	-1.29122	2.02548E-10
CMTM7	226017_PM_at	1.38658	2.03303E-10
CRADD	209833_PM_at	-1.52829	2.03399E-10
FOLH1B	211303_PM_x_at	-2.50476	2.03763E-10
SLC4A1	205592_PM_at	-2.16934	2.03984E-10
NDUFA9	208969_PM_at	-1.22747	2.04229E-10
MRPS35	217942_PM_at	-1.32297	2.04229E-10
ARHGAP15	218870_PM_at	2.04148	2.07524E-10
MAPT	203928_PM_x_at	-2.45585	2.11121E-10
ADCY7	203741_PM_s_at	1.495	2.1164E-10

SLCO2A1	204368_PM_at	1.6127	2.12759E-10
RAP2B	213923_PM_at	1.40111	2.13703E-10
IDH2	210045_PM_at	-1.64484	2.13749E-10
COQ6	218760_PM_at	-1.33558	2.23161E-10
TMEM71	238429_PM_at	1.52838	2.24733E-10
PSTPIP2	219938_PM_s_at	1.65463	2.25132E-10
ELK3	221773_PM_at	1.65421	2.2863E-10
MBOAT1	227379_PM_at	1.65024	2.28843E-10
GLIPR1	204221_PM_x_at	2.21574	2.30589E-10
SELP	206049_PM_at	1.76824	2.31218E-10
RDH12	242998_PM_at	-3.35888	2.33743E-10
GNG2	224964_PM_s_at	1.41519	2.35384E-10
AFG3L2	202486_PM_at	-1.32215	2.36296E-10
FGR	208438_PM_s_at	2.03624	2.36666E-10
TMEM86A	227570_PM_at	-1.5951	2.3685E-10
BNIP3	201848_PM_s_at	-1.49431	2.37172E-10
ASB15	1564679_PM_at	-1.54826	2.37238E-10
SAMD9	219691_PM_at	1.52111	2.37347E-10
CD1C	205987_PM_at	2.21237	2.40949E-10
SLC37A1	218928_PM_s_at	1.43412	2.41324E-10
IFI27	202411_PM_at	1.74374	2.43044E-10
ADSSL1	226325_PM_at	-1.52705	2.55163E-10
C7orf55 /// LUC7L2	226781_PM_at	-1.38578	2.56921E-10
RRAGD	221523_PM_s_at	-1.617	2.5933E-10
GABRP	205044_PM_at	2.36703	2.61095E-10
OXER1	1553222_PM_at	-1.41976	2.62623E-10
NDUFAF1	204125_PM_at	-1.34261	2.62948E-10
TFPI2	209277_PM_at	2.5488	2.67723E-10
UPP1	203234_PM_at	1.63375	2.67789E-10
SPATA17	230763_PM_at	-1.70217	2.67805E-10
SLC35B4	225881_PM_at	-1.3992	2.69556E-10
NDUFB8 /// SEC31B	201226_PM_at	-1.26376	2.70536E-10
APBB1IP	219994_PM_at	1.44834	2.70549E-10
ARNTL2	220658_PM_s_at	1.34929	2.70585E-10

BCL11B	219528_PM_s_at	2.09772	2.70721E-10
XYLB	208318_PM_s_at	-1.30609	2.72557E-10
THEMIS	1558971_PM_at	1.64545	2.73078E-10
TMEM87B	225411_PM_at	1.51839	2.76386E-10
PET112L	204300_PM_at	-1.47006	2.77183E-10
OAS2	204972_PM_at	1.65597	2.85224E-10
ALDH5A1	203608_PM_at	-1.6564	2.8847E-10
STAT1	AFFX-HUMISGF3A/M97935_	1.78091	2.88687E-10
RALYL	213967_PM_at	-2.54354	2.88784E-10
GGCT	215380_PM_s_at	-1.2285	2.90422E-10
COL4A2	211964_PM_at	1.61241	2.93493E-10
PHACTR3	227949_PM_at	1.52504	2.93623E-10
TMPRSS4	218960_PM_at	2.00312	2.95222E-10
DGKA	203385_PM_at	1.40684	2.95958E-10
PML	206503_PM_x_at	1.26526	2.99986E-10
BTG2	201235_PM_s_at	1.3585	3.00168E-10
B3GNT1	203188_PM_at	-1.39856	3.05461E-10
IL4R	203233_PM_at	1.42521	3.06457E-10
C5orf39	227877_PM_at	1.70703	3.10537E-10
HEXIM2	238547_PM_at	-1.43158	3.11737E-10
ETV6	205585_PM_at	1.45091	3.14265E-10
SLC23A3	230949_PM_at	-2.10685	3.14705E-10
ACOT12	238160_PM_at	-1.60488	3.152E-10
TCEA3	226388_PM_at	-1.44587	3.15278E-10
CX3CR1	205898_PM_at	1.55858	3.16502E-10
MOSC2	219527_PM_at	-1.93662	3.17102E-10
HIBCH	203711_PM_s_at	-1.80281	3.17218E-10
EYA2	209692_PM_at	-1.48981	3.17454E-10
NFKBIE	203927_PM_at	1.46081	3.18361E-10
MEI1	230011_PM_at	1.6195	3.23054E-10
FOSL2	205409_PM_at	1.82259	3.24372E-10
BTN3A3	204821_PM_at	1.79228	3.2634E-10
CTSS	202901_PM_x_at	2.63728	3.26528E-10
C14orf167	224153_PM_s_at	-1.35004	3.2686E-10

IL1R1	202948_PM_at	1.47166	3.27575E-10
CDC42SE1	218157_PM_x_at	1.47388	3.32377E-10
FCGR1A /// FCGR1C	216950_PM_s_at	2.45337	3.32543E-10
GHR	205498_PM_at	-1.59593	3.35626E-10
MRPL46	219244_PM_s_at	-1.34234	3.44136E-10
CH25H	206932_PM_at	1.96484	3.44715E-10
IGHA1 /// IGHD /// IGHG1 /// IGHG3 /// IGHM /// IGHV4-31 /// L	216557_PM_x_at	3.55243	3.51338E-10
DNAJA3	205963_PM_s_at	-1.27035	3.53877E-10
DEF6	221293_PM_s_at	1.50011	3.54069E-10
ITGB2	202803_PM_s_at	2.14159	3.54112E-10
IL8	202859_PM_x_at	1.78499	3.60953E-10
SPATA24	238027_PM_at	-1.30173	3.6474E-10
ADAL	238424_PM_at	-1.34665	3.69166E-10
TUB	228882_PM_at	-1.3842	3.73738E-10
RTTN	227072_PM_at	-1.30956	3.74095E-10
ZNFX1	225076_PM_s_at	1.4122	3.75691E-10
TSPAN13	217979_PM_at	1.6643	3.7889E-10
C6	210168_PM_at	1.74904	3.8523E-10
FOLH1	205860_PM_x_at	-2.44233	3.91339E-10
CYAT1 /// IGLV1-44	215121_PM_x_at	3.19522	3.9329E-10
FAM132B	229622_PM_at	2.15566	3.95206E-10
DTWD2	231277_PM_x_at	-1.31754	4.00489E-10
C18orf56	228989_PM_at	-1.89576	4.00551E-10
TRAT1	217147_PM_s_at	1.87383	4.1065E-10
TMSB4X /// TMSL3	216438_PM_s_at	1.23766	4.10962E-10
PPM1L	228108_PM_at	-1.55501	4.11564E-10
IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4	211637_PM_x_at	4.22696	4.12382E-10
FITM2	226805_PM_at	-1.42661	4.15985E-10
PKLR	207858_PM_s_at	-1.82714	4.16942E-10
SLC4A9	224053_PM_s_at	-1.80052	4.17506E-10
PECI	218025_PM_s_at	-1.73874	4.23778E-10
CCDC90A	220094_PM_s_at	-1.55987	4.23825E-10
LOC100133116	1557776_PM_at	-1.57447	4.24142E-10
MCAT	213132_PM_s_at	-1.55402	4.2457E-10

LOC388588	230840_PM_at	-1.85422	4.25448E-10
CASP4	209310_PM_s_at	1.56314	4.25774E-10
LRP8	205282_PM_at	1.22544	4.30471E-10
KCNE1	208514_PM_at	-1.50715	4.3409E-10
SHISA5	222986_PM_s_at	1.36419	4.3854E-10
LPPR1	219732_PM_at	-2.69454	4.51659E-10
MYO1G	227799_PM_at	1.58258	4.5222E-10
MAPKAP1	217808_PM_s_at	-1.46399	4.69707E-10
RCAN3	226272_PM_at	1.60809	4.71364E-10
RASA2	206636_PM_at	1.51404	4.71971E-10
LDHD	229241_PM_at	-2.18921	4.72903E-10
C15orf59	230475_PM_at	-1.66941	4.73604E-10
MOCS2	218212_PM_s_at	-1.34041	4.74447E-10
PTPRCAP	204960_PM_at	1.92914	4.7629E-10
SNX12	224684_PM_at	-1.26868	4.77661E-10
CD74	209619_PM_at	1.72531	4.80281E-10
MECR	218664_PM_at	-1.35863	4.80863E-10
VEGFB	203683_PM_s_at	-1.32194	4.81804E-10
GMIP	218913_PM_s_at	1.52249	4.82542E-10
GPD1	204997_PM_at	-1.71554	4.87189E-10
ADH5	208847_PM_s_at	-1.36704	4.90545E-10
PLSCR1	202430_PM_s_at	1.60785	4.94191E-10
MCAM	209086_PM_x_at	1.73018	5.1027E-10
ZMYND12	223636_PM_at	-1.95215	5.10565E-10
P4HA2	202733_PM_at	-1.67503	5.22678E-10
CD47	211075_PM_s_at	1.58549	5.2284E-10
APOC3	205820_PM_s_at	-1.77453	5.25236E-10
PINK1	209018_PM_s_at	-1.38315	5.25538E-10
PRLR	206346_PM_at	-1.54591	5.35992E-10
TLR8	220832_PM_at	1.61278	5.3613E-10
NOD1	221073_PM_s_at	1.29045	5.41895E-10
TESC	218872_PM_at	1.79761	5.42566E-10
C2orf47	219176_PM_at	-1.40331	5.4777E-10
ABCC1	202804_PM_at	1.31942	5.56204E-10

MKKS	218138_PM_at	-1.26925	5.59516E-10
FAR2	220615_PM_s_at	1.4446	5.60376E-10
RCSD1	225763_PM_at	1.90308	5.61282E-10
RGS7	206290_PM_s_at	-1.6954	5.70419E-10
GPRASP2	228027_PM_at	-1.3498	5.76204E-10
STRADB	223266_PM_at	-1.56164	5.81579E-10
LCN2	212531_PM_at	3.06955	5.84369E-10
KIAA1958	228349_PM_at	-1.55051	5.87211E-10
CLEC7A	221698_PM_s_at	1.54506	5.88256E-10
RUNX3	204197_PM_s_at	1.80972	5.89078E-10
C1QTNF7	223877_PM_at	-1.54319	5.95937E-10
SLC25A5	200657_PM_at	-1.32774	6.07365E-10
BRP44L	218024_PM_at	-1.23433	6.07508E-10
SEPP1	201427_PM_s_at	-1.64021	6.07902E-10
GPR18	210279_PM_at	1.94446	6.08658E-10
C9orf167	219620_PM_x_at	1.37136	6.09621E-10
IL17RA	205707_PM_at	1.49407	6.12476E-10
GHITM	209248_PM_at	-1.33296	6.14832E-10
LAX1	207734_PM_at	1.74028	6.2775E-10
LMBR1L	220036_PM_s_at	1.43489	6.48769E-10
C9orf84	233504_PM_at	-1.28671	6.50872E-10
HVCN1	226879_PM_at	1.47897	6.59039E-10
GPT2	224839_PM_s_at	-2.00566	6.62876E-10
HDAC9	205659_PM_at	1.77939	6.69959E-10
S1PR1	204642_PM_at	1.47443	6.70026E-10
ANXA9	210085_PM_s_at	-1.92402	6.82613E-10
CHST11	219634_PM_at	1.66638	6.88203E-10
GAMT	205354_PM_at	-1.66866	6.99589E-10
DNAJC4	206781_PM_at	-1.27867	6.9983E-10
AADAT	223593_PM_at	-1.55572	7.16019E-10
MAP1B	212233_PM_at	1.87959	7.16051E-10
SUSD2	227480_PM_at	-2.01796	7.16685E-10
C1orf163	219420_PM_s_at	-1.32338	7.16961E-10
NPHS1	207673_PM_at	-1.73034	7.18639E-10

ATXN7L1	214342_PM_at	-1.52635	7.50504E-10
LAIR1	208071_PM_s_at	1.5702	7.58181E-10
S100A7A	232220_PM_at	-1.23204	7.77129E-10
MCCC1	218440_PM_at	-1.48923	7.77428E-10
DDX60L	228152_PM_s_at	1.38978	7.77498E-10
TRIM21	204804_PM_at	1.41695	7.91957E-10
CLEC12A /// CLEC12B	1552398_PM_a_at	1.5545	7.92399E-10
ANXA1	201012_PM_at	1.66459	7.94462E-10
TMEM192 /// ZNF320	1555790_PM_a_at	-1.6982	7.99497E-10
JAK3	207187_PM_at	1.48838	8.00538E-10
ACAD11 /// NPHP3	225573_PM_at	-1.64794	8.16816E-10
LHFP	218656_PM_s_at	1.75973	8.17501E-10
CD33	206120_PM_at	1.5697	8.22659E-10
MICB	206247_PM_at	1.61026	8.24757E-10
TMEM154	238063_PM_at	1.74432	8.25158E-10
MS4A4A	224357_PM_s_at	2.06287	8.26252E-10
GSTM4	204149_PM_s_at	-1.51977	8.39619E-10
RTCD1	203594_PM_at	-1.34547	8.48074E-10
RAB27A	209514_PM_s_at	1.65155	8.54598E-10
HBXIP	202299_PM_s_at	-1.31178	8.60807E-10
MGST2	204168_PM_at	-1.30642	8.64757E-10
SDHA	201093_PM_x_at	-1.34448	8.82373E-10
SFXN2	227560_PM_at	-2.16044	8.93314E-10
KLRC1 /// KLRC2	206785_PM_s_at	1.84462	8.93866E-10
TNNT2	215389_PM_s_at	-1.34362	9.01501E-10
EVL	217838_PM_s_at	1.7171	9.23967E-10
FBXL5	209004_PM_s_at	-1.32998	9.2605E-10
SIRPG	220485_PM_s_at	1.71371	9.27027E-10
ACOT13	204565_PM_at	-1.68477	9.27604E-10
DHDH	231416_PM_at	-2.52083	9.4039E-10
CELF2	202156_PM_s_at	1.89448	9.57292E-10
MCEE	226238_PM_at	-1.53644	9.58535E-10
PRR24	227325_PM_at	1.53721	9.71361E-10
PPAPDC1A	236044_PM_at	-1.67133	9.74912E-10

CCL2	216598_PM_s_at	2.069	1.00485E-09
NDUFS2	201966_PM_at	-1.29974	1.02513E-09
TRPM3	211422_PM_at	-1.49852	1.03137E-09
MID1	203636_PM_at	1.51611	1.04371E-09
BPHL	205750_PM_at	-2.00431	1.04716E-09
IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG3 /// IGHM /// IGH	214916_PM_x_at	3.53877	1.04719E-09
CRABP1	205350_PM_at	-1.54591	1.04905E-09
AGXT2L1	221008_PM_s_at	-2.8094	1.05167E-09
CLDN1	218182_PM_s_at	1.69635	1.05452E-09
GRHPR	201347_PM_x_at	-1.49672	1.06273E-09
ETFDH	205530_PM_at	-1.73215	1.06606E-09
MRPS22	219220_PM_x_at	-1.20962	1.08736E-09
DOCK11	226875_PM_at	1.58978	1.09918E-09
LOC100132891	228438_PM_at	1.78855	1.09969E-09
NAPSB	228055_PM_at	2.00197	1.11772E-09
AMDHD1	229596_PM_at	-2.37327	1.14086E-09
FLJ32255	235291_PM_s_at	1.5404	1.14163E-09
FAM54B	224280_PM_s_at	-1.45075	1.1467E-09
ACADM	202502_PM_at	-1.53277	1.15218E-09
UCP2	208997_PM_s_at	1.81089	1.17732E-09
BSND	1552548_PM_at	-1.37552	1.19086E-09
CCT6B	206587_PM_at	-1.4741	1.19576E-09
HMGCL	202772_PM_at	-1.55335	1.22317E-09
LOC100290557	216412_PM_x_at	2.44733	1.23563E-09
C1orf64	229381_PM_at	-1.40675	1.24458E-09
DDB2	203409_PM_at	1.45617	1.26492E-09
NDFIP2	224799_PM_at	-1.5267	1.27153E-09
IGHA1 /// IGHD /// IGHG1 /// IGHG3 /// IGHM /// IGHV1-69 /// IGH	211650_PM_x_at	3.46584	1.27279E-09
C7orf55	226780_PM_s_at	-1.36391	1.29507E-09
SEL1L3	212311_PM_at	1.8093	1.3015E-09
DLG2	228973_PM_at	-1.25729	1.33156E-09
CSNK1E	202332_PM_at	1.31565	1.33315E-09
RNF182	230720_PM_at	1.49401	1.35301E-09
SNX20	228869_PM_at	1.4773	1.3703E-09

MAP7D3	219576_PM_at	1.48069	1.38261E-09
PRF1	214617_PM_at	1.59666	1.38835E-09
ELMO1	204513_PM_s_at	1.54351	1.40309E-09
FCGR1B	214511_PM_x_at	2.43517	1.41072E-09
IL32	203828_PM_s_at	1.8556	1.42971E-09
ST8SIA4	206925_PM_at	1.59233	1.43305E-09
PANK1	226649_PM_at	-1.9445	1.44853E-09
NUAK1	204589_PM_at	1.63134	1.4756E-09
CRTAM	206914_PM_at	1.84481	1.48045E-09
LY9	210370_PM_s_at	1.51788	1.48073E-09
SUCLG2	212459_PM_x_at	-1.33988	1.4832E-09
ABCC2	206155_PM_at	-2.25511	1.49663E-09
RIPK3	228139_PM_at	1.32578	1.50338E-09
PXMP2	219076_PM_s_at	-1.8228	1.5077E-09
DPP4	203716_PM_s_at	-1.9676	1.51684E-09
GOSR2	210009_PM_s_at	-1.388	1.54162E-09
TRIM69	232792_PM_at	1.24982	1.57033E-09
ARSF	214490_PM_at	-1.88751	1.57206E-09
CYP1B1	202435_PM_s_at	1.78306	1.59095E-09
GCDH	203500_PM_at	-1.73969	1.59318E-09
DUSP6	208891_PM_at	1.44786	1.59339E-09
CYBB	203922_PM_s_at	1.98767	1.62328E-09
RGS18	223809_PM_at	1.74064	1.65284E-09
ITPRIPL2	227514_PM_at	1.63499	1.6666E-09
MAN2C1	203668_PM_at	-1.43087	1.6803E-09
MRPS24	224948_PM_at	-1.20349	1.68267E-09
GSTA3	222102_PM_at	-1.84044	1.68816E-09
TFDP1	204147_PM_s_at	-1.38881	1.69571E-09
MUT	202959_PM_at	-1.38228	1.70288E-09
COQ10A	225747_PM_at	-1.48472	1.74811E-09
ATL2	222700_PM_at	-1.23969	1.75041E-09
SLC1A3	202800_PM_at	2.08615	1.75556E-09
SELPLG	209879_PM_at	1.49138	1.76153E-09
GAS2	205848_PM_at	-1.78682	1.76187E-09

TBXAS1	208130_PM_s_at	1.51325	1.76207E-09
LILRB2	207697_PM_x_at	1.75302	1.77745E-09
SSR4	201004_PM_at	1.33789	1.78111E-09
EMX1	215264_PM_at	-1.28405	1.78371E-09
SLC34A2	204124_PM_at	2.4544	1.8005E-09
FLJ42875	231275_PM_at	-1.93643	1.80051E-09
PMAIP1	204285_PM_s_at	1.6221	1.80144E-09
CD38	205692_PM_s_at	1.89686	1.83377E-09
GCSH /// LOC100329108	213129_PM_s_at	-1.51363	1.86321E-09
ACOX2	205364_PM_at	-2.14988	1.8648E-09
MAGI1	206144_PM_at	-1.29395	1.87577E-09
C2orf7	223312_PM_at	-1.41172	1.92529E-09
RASA3	206220_PM_s_at	1.28682	1.92596E-09
MTHFD2	201761_PM_at	1.88409	1.93611E-09
GALM	234974_PM_at	-1.6957	1.93854E-09
C16orf61	218447_PM_at	-1.22226	1.9397E-09
GALNT6	219956_PM_at	1.43886	1.95326E-09
APITD1	213454_PM_at	-1.61445	1.96064E-09
SLC27A5	219733_PM_s_at	-1.25393	1.98087E-09
P2RY8	229686_PM_at	1.76589	2.04038E-09
PROZ	208034_PM_s_at	-2.30325	2.04202E-09
RHOA	223168_PM_at	1.3534	2.05193E-09
NCF1 /// NCF1B /// NCF1C	204961_PM_s_at	1.51367	2.05271E-09
CAMK1D /// LOC283070	226382_PM_at	1.78716	2.05402E-09
PLAUR	210845_PM_s_at	1.8662	2.06981E-09
C3orf18	219114_PM_at	-1.30902	2.07499E-09
CPNE6	210408_PM_s_at	-1.63564	2.08475E-09
ADRB2	206170_PM_at	1.56582	2.10743E-09
SDHB	202675_PM_at	-1.21576	2.12722E-09
PTGES2	218083_PM_at	-1.37327	2.12772E-09
DYRK2	202968_PM_s_at	1.46087	2.1283E-09
ASPA	206030_PM_at	-1.84848	2.12972E-09
TBC1D2B	212796_PM_s_at	1.3626	2.13214E-09
TTC36	237350_PM_at	-1.97646	2.13554E-09

HSPB9	230510_PM_at	-1.21519	2.13717E-09
B3GNT4	221240_PM_s_at	-1.44376	2.13818E-09
MST4	218499_PM_at	1.66532	2.1383E-09
ACOT4	229534_PM_at	-1.98116	2.14649E-09
RTN1	203485_PM_at	1.58891	2.15225E-09
WDR82	201934_PM_at	1.26069	2.16093E-09
LOC100131096	230526_PM_at	1.45229	2.16565E-09
FAM24B	231146_PM_at	-1.59583	2.18818E-09
ANP32B	201305_PM_x_at	1.24907	2.20313E-09
FAM171B	227370_PM_at	1.40562	2.23985E-09
TFRC	207332_PM_s_at	-1.36803	2.24966E-09
COX7B	202110_PM_at	-1.39118	2.25311E-09
ASNS	205047_PM_s_at	1.69986	2.25503E-09
STAMBPL1	227606_PM_s_at	1.53931	2.25654E-09
CARD6	224414_PM_s_at	1.67775	2.25804E-09
ZYG11B	225338_PM_at	-1.27404	2.27204E-09
EMP3	203729_PM_at	1.67085	2.30104E-09
MTCH2	217772_PM_s_at	-1.43607	2.37079E-09
GBE1	203282_PM_at	-1.29177	2.43176E-09
CLEC2B	209732_PM_at	1.59793	2.54157E-09
C14orf43	225980_PM_at	1.20262	2.54386E-09
HEPACAM2	242601_PM_at	-2.16504	2.54881E-09
ATP2B4	212135_PM_s_at	1.49953	2.55516E-09
KLKB1	206541_PM_at	-1.59682	2.55652E-09
ADRA2B	208544_PM_at	-1.3135	2.55661E-09
PAG1	225622_PM_at	1.67518	2.58643E-09
NKIRAS1	225930_PM_at	-1.46021	2.60357E-09
SCRN2	225513_PM_at	-1.54868	2.60682E-09
GYPA /// GYPB	205837_PM_s_at	-1.41678	2.64659E-09
LAMP3	205569_PM_at	2.20111	2.65745E-09
SLC15A3	219593_PM_at	1.50964	2.66699E-09
LDHB	201030_PM_x_at	-1.2224	2.68011E-09
OSTalpha	229230_PM_at	-2.36707	2.69082E-09
ATP6V0D2	1553151_PM_at	-2.28369	2.69319E-09

DCI	209759_PM_s_at	-1.4012	2.69447E-09
SAMM50	201569_PM_s_at	-1.39175	2.69599E-09
PLD1	177_PM_at	-1.47434	2.74456E-09
KIAA0125	206478_PM_at	2.05883	2.75955E-09
HINT2	224415_PM_s_at	-1.38712	2.77805E-09
C20orf7	222894_PM_x_at	-1.49029	2.80421E-09
SS18L1	213140_PM_s_at	-1.36805	2.83647E-09
EPM2A	205231_PM_s_at	-1.39135	2.88342E-09
SASH1	213236_PM_at	1.44989	2.88578E-09
ATP5L	208745_PM_at	-1.26291	2.88873E-09
SYPL2	230611_PM_at	-1.69638	2.89946E-09
GNPDA1	202382_PM_s_at	-1.45955	2.92445E-09
HSPA6	117_PM_at	1.59862	2.95622E-09
MAN2B1	209166_PM_s_at	1.47512	2.97424E-09
FCRL5	224404_PM_s_at	1.80491	2.98518E-09
ANKDD1A	229497_PM_at	1.47612	2.99772E-09
AQP11	229526_PM_at	-2.1696	3.01669E-09
ISOC1	218170_PM_at	-1.3601	3.04723E-09
LOC728855	222001_PM_x_at	1.30476	3.08329E-09
BICD1	204741_PM_at	1.37804	3.09547E-09
OSBPL6	223805_PM_at	-1.59413	3.13374E-09
LOC374443	240572_PM_s_at	1.68691	3.16396E-09
RXRA	202426_PM_s_at	-1.2806	3.17974E-09
CRAT	205843_PM_x_at	-1.45227	3.19904E-09
LOC441454 /// LOC728026 /// PTMA	216384_PM_x_at	1.37745	3.20041E-09
FMO4	206263_PM_at	-2.02892	3.23276E-09
FBN3	240117_PM_at	-1.26118	3.23685E-09
TARP	209813_PM_x_at	1.89113	3.2383E-09
CD27	206150_PM_at	2.06238	3.25849E-09
CXCL11	210163_PM_at	3.36254	3.26386E-09
PRODH	214203_PM_s_at	-1.49378	3.26455E-09
AIF1	207823_PM_s_at	1.64288	3.26491E-09
MYD88	209124_PM_at	1.32028	3.36562E-09
COQ3	221227_PM_x_at	-1.41329	3.36595E-09

DUSP5	209457_PM_at	1.68129	3.36908E-09
FAM57A	218898_PM_at	1.49403	3.42677E-09
CD300LF	1553043_PM_a_at	1.58414	3.43954E-09
CCDC51	218722_PM_s_at	-1.32097	3.44411E-09
PGRMC2	201701_PM_s_at	-1.29008	3.45286E-09
TLR5	210166_PM_at	1.58467	3.45652E-09
BTN3A1	207485_PM_x_at	1.43018	3.47166E-09
BRPF1	204481_PM_at	1.28388	3.47384E-09
RIPK2	209544_PM_at	1.31685	3.50171E-09
UQCRRS1	208909_PM_at	-1.2554	3.54121E-09
NLGN4X	221933_PM_at	1.2948	3.56658E-09
HECA	218603_PM_at	1.45677	3.57943E-09
OGFRL1	219582_PM_at	1.50978	3.62318E-09
CLEC4A	219947_PM_at	1.57634	3.6344E-09
SLC46A1	1552278_PM_a_at	-1.31403	3.67696E-09
CBL	225231_PM_at	1.28524	3.67963E-09
PRSS2 /// PRSS3	207463_PM_x_at	-1.65291	3.68113E-09
SLAMF7	219159_PM_s_at	1.69417	3.68397E-09
CMPK2	226702_PM_at	1.83324	3.69402E-09
UBE2D4	218837_PM_s_at	-1.29424	3.74258E-09
RRAS	212647_PM_at	1.51095	3.77471E-09
MAP3K8	235421_PM_at	1.67548	3.81053E-09
NR2F6	209261_PM_s_at	-1.27301	3.81759E-09
CBR1	209213_PM_at	-1.49212	3.82148E-09
TLE1	203220_PM_s_at	1.31171	3.8574E-09
RPS19	202649_PM_x_at	1.21352	3.85911E-09
S100A10	200872_PM_at	1.33736	3.87123E-09
HS6ST3	229714_PM_at	-1.21619	4.00277E-09
SLC25A3	200030_PM_s_at	-1.20419	4.12907E-09
SLC2A11	232167_PM_at	-1.36246	4.12951E-09
HLA-A /// HLA-F /// HLA-J	217436_PM_x_at	1.50859	4.13021E-09
SP140	207777_PM_s_at	1.64049	4.13236E-09
MTTP	205675_PM_at	-2.55433	4.18524E-09
KRT80	231849_PM_at	1.49566	4.18909E-09

SORCS1	228194_PM_s_at	-1.73249	4.21223E-09
DDO	207418_PM_s_at	-1.63482	4.21529E-09
HIST1H2BD	209911_PM_x_at	-1.51111	4.21584E-09
ZNF267	219540_PM_at	1.3943	4.31754E-09
GLIPR2	225602_PM_at	1.68136	4.33053E-09
AUH	205052_PM_at	-1.4761	4.38225E-09
C1orf95	213925_PM_at	-1.26713	4.44937E-09
TATDN3	228867_PM_at	-1.28623	4.45133E-09
POM121L9P	206819_PM_at	1.48282	4.60941E-09
WDR72	227174_PM_at	-1.72666	4.61346E-09
HLA-DQA1 /// HLA-DQA2	212671_PM_s_at	2.40997	4.64406E-09
FCGR3B	204007_PM_at	1.9217	4.69809E-09
LIN52	228583_PM_at	-1.53727	4.70294E-09
SCNN1A	203453_PM_at	-1.37828	4.76787E-09
FAM164C	220107_PM_s_at	-1.37136	4.80801E-09
GOT1	208813_PM_at	-1.62891	4.82638E-09
MSRA	219281_PM_at	-1.479	4.82646E-09
GBP1	202269_PM_x_at	2.03022	4.92402E-09
EARS2	225993_PM_at	-1.3049	4.92756E-09
CYB5R1	202263_PM_at	-1.31579	4.94834E-09
SLC12A6	220740_PM_s_at	-1.91595	4.97263E-09
PPAP2C	209529_PM_at	1.58019	4.99762E-09
SRGAP2	213329_PM_at	1.34495	5.00136E-09
TUBB6	209191_PM_at	1.82562	5.05431E-09
CD209	207277_PM_at	1.2877	5.12236E-09
TBC1D13	218596_PM_at	-1.43933	5.12975E-09
XRCC6BP1	227678_PM_at	-1.53321	5.13854E-09
DECR1	202447_PM_at	-1.29956	5.17568E-09
CTH	206085_PM_s_at	-1.87228	5.22029E-09
CAPN6	202965_PM_s_at	1.75593	5.27259E-09
TYMP	204858_PM_s_at	1.57217	5.31919E-09
RHOH	204951_PM_at	1.76748	5.32813E-09
SOST	223869_PM_at	-2.61834	5.35751E-09
IER5	218611_PM_at	1.68343	5.44444E-09

DCK	203302_PM_at	1.49223	5.44717E-09
KIF22	202183_PM_s_at	-1.21337	5.45258E-09
CSGALNACT1	219049_PM_at	1.3682	5.45312E-09
DCLRE1C	219678_PM_x_at	1.43461	5.46627E-09
LOC145837	239594_PM_at	-2.75682	5.47047E-09
TAX1BP3	209154_PM_at	1.37744	5.51834E-09
MX1	202086_PM_at	1.81728	5.53402E-09
FAH	202862_PM_at	-1.50731	5.60875E-09
CALHM2	221565_PM_s_at	1.65786	5.66893E-09
C2orf72	213143_PM_at	-1.22651	5.69124E-09
AEBP1	201792_PM_at	1.88047	5.70562E-09
LRRC33	235359_PM_at	1.56247	5.70704E-09
KLRD1	207796_PM_x_at	1.58788	5.71053E-09
RPP14	204245_PM_s_at	-1.25374	5.71391E-09
TSEN15	225400_PM_at	-1.37436	5.71715E-09
UCK1	223141_PM_at	-1.28995	5.73864E-09
WDR12	218512_PM_at	-1.39551	5.77654E-09
S100A6	217728_PM_at	1.2601	5.77833E-09
KLHL3	221221_PM_s_at	-1.51091	5.78028E-09
TMEM178	229302_PM_at	-1.83948	5.79365E-09
MDH2	209036_PM_s_at	-1.29866	5.79646E-09
DUSP22	218845_PM_at	1.25952	5.89085E-09
KCNA3	207237_PM_at	1.2734	5.92144E-09
AS3MT	223652_PM_at	-1.6643	5.94391E-09
ADA	204639_PM_at	1.59701	5.9441E-09
C11orf1	222785_PM_x_at	-1.50582	5.96536E-09
SLC10A2	207095_PM_at	-2.42468	5.97081E-09
KLRAQ1	1553955_PM_at	-1.43709	6.03505E-09
CCND2	200951_PM_s_at	1.55034	6.0976E-09
NBL1	201621_PM_at	1.58521	6.20778E-09
PEX11G	244126_PM_at	-1.41767	6.24315E-09
CHSY1	203044_PM_at	1.39859	6.29906E-09
SCML4	1556471_PM_at	1.46794	6.32025E-09
LOC100134361	229930_PM_at	1.47986	6.34068E-09

CYP2B6	206755_PM_at	-1.53475	6.40989E-09
BTBD10	223174_PM_at	1.22549	6.48045E-09
C21orf33	202217_PM_at	-1.76194	6.52073E-09
CST3	201360_PM_at	1.26951	6.5771E-09
ISG15	205483_PM_s_at	1.7747	6.61426E-09
IGH@ /// IGHA1 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4 /// IGHI	211634_PM_x_at	2.76859	6.66241E-09
CCND3	201700_PM_at	1.42543	6.74056E-09
TIFA	226117_PM_at	1.34805	6.75137E-09
AQP7	206955_PM_at	-1.75958	6.78403E-09
SPR	203458_PM_at	-1.33993	6.79355E-09
ZFH3	208033_PM_s_at	1.3031	6.80922E-09
ST3GAL6	210942_PM_s_at	-1.53324	6.85032E-09
WAS	205400_PM_at	1.34781	6.85513E-09
FCRLB	238452_PM_at	-1.6493	6.8815E-09
FBXO21	212229_PM_s_at	-1.46033	7.03431E-09
C1orf203	236623_PM_at	-1.23143	7.1325E-09
DLGAP2	210227_PM_at	-1.34423	7.29642E-09
GDPD3	219722_PM_s_at	-1.92958	7.32067E-09
KNG1	206054_PM_at	-2.39387	7.32339E-09
LILRB1	207104_PM_x_at	1.59028	7.32733E-09
CSF2RA	207085_PM_x_at	1.34199	7.37666E-09
TRUB2	223109_PM_at	-1.31372	7.46634E-09
GZMB	210164_PM_at	2.16624	7.4711E-09
GGT5	205582_PM_s_at	1.55476	7.58489E-09
RAB11FIP3	203933_PM_at	-2.03619	7.58493E-09
ADM	202912_PM_at	-1.61769	7.64535E-09
TIMM13	218188_PM_s_at	-1.35442	7.75007E-09
IGSF11	228375_PM_at	-2.1203	7.75063E-09
LOC100288617	228918_PM_at	-1.97515	7.85791E-09
PTTG1	203554_PM_x_at	1.86415	7.85819E-09
RPGR	207624_PM_s_at	1.47624	7.95888E-09
FMNL3	227844_PM_at	1.26661	8.04467E-09
NAGS	229432_PM_at	-1.86109	8.06381E-09
ADRB1	229277_PM_at	-1.28939	8.17197E-09

NHEDC2	229491_PM_at	1.26586	8.29425E-09
FPR3	214560_PM_at	1.51525	8.37081E-09
SLFN11	226743_PM_at	1.7508	8.40448E-09
THY1	208850_PM_s_at	-1.91038	8.46867E-09
TOLLIP	217930_PM_s_at	-1.36655	8.50385E-09
SPHK1	219257_PM_s_at	1.41505	8.54778E-09
SIDT1	219734_PM_at	1.45457	8.6883E-09
TBC1D10C	228258_PM_at	1.8619	8.695E-09
EMILIN2	224374_PM_s_at	1.38956	8.71768E-09
SIRT3	221562_PM_s_at	-1.30343	8.72065E-09
NTM	222020_PM_s_at	1.75024	8.73704E-09
CHST7	206756_PM_at	1.53633	8.76036E-09
CFHR2	206910_PM_x_at	1.41682	8.77295E-09
MMACHC	211774_PM_s_at	-1.34082	8.79585E-09
FARS2	204282_PM_s_at	-1.30013	8.87742E-09
MRC1 /// MRC1L1	204438_PM_at	2.04828	9.09692E-09
CYC1	201066_PM_at	-1.31887	9.16649E-09
SUCLA2	202930_PM_s_at	-1.45939	9.16802E-09
ACSBG2	221716_PM_s_at	-1.38246	9.1736E-09
UGCG	204881_PM_s_at	1.79417	9.18486E-09
TARS2	221189_PM_s_at	-1.34818	9.20703E-09
	9-Sep 207425_PM_s_at	1.32276	9.22242E-09
ESPL1	204817_PM_at	-1.956	9.23869E-09
C8orf55	218500_PM_at	-1.46999	9.34467E-09
SFXN4	225143_PM_at	-1.3031	9.40937E-09
MTHFS	203433_PM_at	-1.44461	9.55248E-09
TRAF1	205599_PM_at	1.48241	9.62584E-09
SIGLEC1	219519_PM_s_at	1.65382	9.63115E-09
CLYBL	238440_PM_at	-1.74137	9.63164E-09
RNASE2	206111_PM_at	1.38531	9.86892E-09
RAI2	219440_PM_at	1.45031	9.87139E-09
RAB2A	208730_PM_x_at	-1.25562	9.95527E-09
LRRC43	1553728_PM_at	-1.74625	9.98969E-09
PRODH2	216696_PM_s_at	-2.81507	1.00886E-08

NUDT16L1	224477_PM_s_at	-1.36065	1.01181E-08
NEDD4L	212445_PM_s_at	-1.66362	1.03277E-08
INHBA	204926_PM_at	1.38414	1.03381E-08
LYRM1	203897_PM_at	-1.26105	1.0405E-08
HLA-G	210514_PM_x_at	1.40731	1.04192E-08
PTCRA	211252_PM_x_at	-1.26301	1.04624E-08
GRB10	209409_PM_at	-1.48647	1.0471E-08
PNPLA1	1553364_PM_at	-1.536	1.07563E-08
TUSC2	203272_PM_s_at	-1.22148	1.07921E-08
PDXP /// SH3BP1	223290_PM_at	-1.56816	1.13022E-08
DLGAP1	206489_PM_s_at	1.22981	1.13419E-08
IGHA1 /// IGHG1 /// IGHM /// LOC100290293	216542_PM_x_at	2.08661	1.13807E-08
APOL3	221087_PM_s_at	1.58359	1.14283E-08
PHYH	203335_PM_at	-1.70353	1.15119E-08
DHODH	213631_PM_x_at	-1.21387	1.15685E-08
HPGD	203913_PM_s_at	-2.20423	1.19412E-08
LOC729013	235010_PM_at	-1.49233	1.19438E-08
CYP46A1	220331_PM_at	-1.56118	1.19738E-08
ALDH2	201425_PM_at	-1.49332	1.20959E-08
VDR	204253_PM_s_at	-1.53338	1.21286E-08
SH3YL1	204019_PM_s_at	-1.49152	1.22438E-08
BDH2	218285_PM_s_at	-1.48411	1.22506E-08
SDHA /// SDHAP1 /// SDHAP2	222021_PM_x_at	-1.25557	1.23247E-08
XPR1	222581_PM_at	-1.33386	1.233E-08
TMEM174	231623_PM_at	-3.04597	1.23658E-08
SLC22A13	207444_PM_at	-1.59872	1.24193E-08
C6orf203	223576_PM_at	-1.25941	1.2446E-08
TMPRSS2	205102_PM_at	-1.54061	1.24869E-08
S100A9	203535_PM_at	1.9427	1.26619E-08
WDR86	243526_PM_at	1.38337	1.26622E-08
ECSCR	227780_PM_s_at	1.57883	1.26673E-08
XKR4	237802_PM_at	1.37794	1.26771E-08
ITGA4	205884_PM_at	1.3586	1.28229E-08
RELB	205205_PM_at	1.4418	1.28578E-08

DDX10	204977_PM_at	-1.60728	1.2867E-08
PGM1	201968_PM_s_at	-1.3314	1.29564E-08
KIAA0564	212946_PM_at	-1.39891	1.31166E-08
SLC26A2	205097_PM_at	1.57225	1.31233E-08
CACNB3	209530_PM_at	1.30513	1.31485E-08
FUT4	209892_PM_at	1.39867	1.31959E-08
NPC1	202679_PM_at	1.40073	1.34302E-08
SLC3A2	200924_PM_s_at	-1.6779	1.34707E-08
MRPL35	218890_PM_x_at	-1.38478	1.34814E-08
NPR3	219789_PM_at	-2.33082	1.34913E-08
NKX2-5	206578_PM_at	-1.30375	1.36082E-08
PNPO	218511_PM_s_at	-1.51442	1.40936E-08
SLC25A4	202825_PM_at	-1.29731	1.41195E-08
ATP5B	201322_PM_at	-1.2891	1.41363E-08
BCCIP	218264_PM_at	-1.36656	1.41654E-08
FABP3	205738_PM_s_at	-1.84087	1.42288E-08
LY75	205668_PM_at	1.96379	1.45221E-08
PCYOX1	203803_PM_at	-1.50052	1.45913E-08
CD96	206761_PM_at	1.44283	1.46098E-08
ALOX5AP	204174_PM_at	1.84902	1.4618E-08
OSGEPL1	220631_PM_at	-1.3571	1.47461E-08
HES7	224548_PM_at	-1.21292	1.48019E-08
CD40	205153_PM_s_at	1.38503	1.48619E-08
CHST15	203066_PM_at	1.71942	1.48656E-08
CISD1	218597_PM_s_at	-1.24699	1.49129E-08
PLEKHO1	218223_PM_s_at	1.75489	1.49902E-08
C1orf57	223272_PM_s_at	-1.29412	1.50131E-08
GRTP1	206712_PM_at	-1.44221	1.51657E-08
C2orf64	225409_PM_at	-1.25062	1.53982E-08
NDUFS8	203189_PM_s_at	-1.31416	1.5528E-08
STX3	216985_PM_s_at	-1.52882	1.5576E-08
CTXN3	231391_PM_at	-3.41657	1.5579E-08
RGS1	202988_PM_s_at	2.11737	1.57326E-08
ECHDC1	219974_PM_x_at	-1.51586	1.57958E-08

ATP8B2	216873_PM_s_at	1.36131	1.61778E-08
PREX1	224925_PM_at	1.469	1.61868E-08
SUOX	204067_PM_at	-1.53579	1.62033E-08
SLAMF6	1552497_PM_a_at	1.50613	1.62279E-08
MYBL1	213906_PM_at	1.64767	1.62429E-08
FBXO44	222861_PM_x_at	-1.26135	1.639E-08
CDC42EP5	227850_PM_x_at	1.67111	1.65131E-08
GALNT1	201722_PM_s_at	1.3469	1.65844E-08
FAM151A	1554668_PM_a_at	-3.61594	1.65925E-08
ADAR	201786_PM_s_at	1.20449	1.69048E-08
CXCR4	209201_PM_x_at	2.29783	1.69238E-08
RAPGEF5	204680_PM_s_at	1.39938	1.69936E-08
MCART1	232092_PM_at	-1.20968	1.71549E-08
STAT6	201331_PM_s_at	1.22028	1.72481E-08
DMGDH	231790_PM_at	-2.2925	1.73254E-08
C12orf64	1553746_PM_a_at	-2.25417	1.75743E-08
TPCN2	229250_PM_at	-1.38583	1.76189E-08
NUDT7	228855_PM_at	-1.471	1.78075E-08
GAL3ST1	205670_PM_at	-1.79835	1.78726E-08
CNDP1	223699_PM_at	-2.10921	1.78739E-08
LOC339047	221501_PM_x_at	1.26345	1.80181E-08
BTBD11	228570_PM_at	-1.2843	1.81149E-08
GAPT	1552386_PM_at	1.60356	1.81481E-08
APAF1	204859_PM_s_at	1.25207	1.83454E-08
USP30	223602_PM_at	-1.33343	1.8741E-08
LOC153684	232645_PM_at	1.64145	1.88242E-08
ACOT7	208002_PM_s_at	-1.96903	1.88623E-08
ZNF697	227080_PM_at	-1.27448	1.88838E-08
HACL1	223211_PM_at	-1.41119	1.90368E-08
ZFP36L1	211962_PM_s_at	1.41823	1.90615E-08
GLUD1	200946_PM_x_at	-1.44781	1.91059E-08
WFDC2	203892_PM_at	1.43976	1.91123E-08
GK /// GK3P	216316_PM_x_at	-1.83549	1.91161E-08
LOC285733	230716_PM_at	-1.80585	1.92059E-08

SURF4	222977_PM_at	-1.44195	1.93433E-08
FAM84A	225667_PM_s_at	1.62651	1.94084E-08
KMO	205306_PM_x_at	-2.40571	1.96999E-08
LOC100128977	237331_PM_s_at	-1.21866	1.97823E-08
RPL39L	210115_PM_at	1.31662	1.99415E-08
ETFA	201931_PM_at	-1.47368	1.99524E-08
IDH3B	201509_PM_at	-1.31532	1.99528E-08
FAM113B	228298_PM_at	1.65167	2.00569E-08
CYP2B6 /// CYP2B7P1	206754_PM_s_at	-2.84533	2.01838E-08
SYCE1L	1559960_PM_x_at	1.62327	2.01915E-08
C1orf115	218546_PM_at	-1.39956	2.01979E-08
GABBR1	203146_PM_s_at	1.64687	2.02009E-08
ACAA1	202025_PM_x_at	-1.6269	2.02975E-08
NMI	203964_PM_at	1.47471	2.03238E-08
SLC41A1	225570_PM_at	-1.36822	2.03315E-08
C1orf192	231077_PM_at	1.6265	2.03353E-08
DPEP2	219452_PM_at	1.52251	2.06877E-08
CTSL1	202087_PM_s_at	-1.27456	2.11067E-08
AMN	220989_PM_s_at	-1.73526	2.11884E-08
DCXR	217973_PM_at	-2.0766	2.11886E-08
ARPC1B	201954_PM_at	2.30946	2.11993E-08
LOC100289208 /// PHLDA1	217998_PM_at	-1.33759	2.1251E-08
PCCB	212694_PM_s_at	-1.52668	2.13115E-08
ABCC6 /// LOC100292715	208480_PM_s_at	-1.82031	2.14646E-08
DISC1 /// TSNAX /// TSNAX-DISC1	207759_PM_s_at	1.28346	2.15389E-08
FLJ35424	1553912_PM_at	-1.44624	2.15437E-08
WASF2	221725_PM_at	1.36947	2.15957E-08
ECHDC2	218552_PM_at	-1.31784	2.15965E-08
RMND1	220329_PM_s_at	-1.7744	2.16119E-08
ALDH1B1	209645_PM_s_at	-1.69635	2.19445E-08
NAT8B	206964_PM_at	-2.37438	2.19959E-08
METTL6	232102_PM_at	-1.21633	2.21892E-08
MPZL2	203779_PM_s_at	1.48824	2.22658E-08
ASB13	218862_PM_at	-1.48703	2.22806E-08

VEPH1	229759_PM_s_at	-1.91859	2.23168E-08
BCL2A1	205681_PM_at	2.35648	2.2517E-08
GLYCTK	238518_PM_x_at	-1.62543	2.25514E-08
PTGR1	228824_PM_s_at	-1.66988	2.25541E-08
DAO	206878_PM_at	-2.74892	2.25609E-08
APCDD1L	235548_PM_at	-1.34528	2.26189E-08
FAM49B	217534_PM_at	1.33239	2.27284E-08
VWA5A	205011_PM_at	1.29807	2.27416E-08
MFSD3	227296_PM_at	-1.3542	2.29416E-08
CDKL1	207766_PM_at	-1.55303	2.31255E-08
SOX4	201416_PM_at	1.57885	2.31415E-08
CABP1	208320_PM_at	-1.2933	2.33106E-08
PDZD3	220303_PM_at	-1.61699	2.33869E-08
SELE	206211_PM_at	1.84888	2.38719E-08
SAMSN1	220330_PM_s_at	2.00951	2.43161E-08
SMCR7L	204593_PM_s_at	-1.28634	2.44614E-08
C7orf10	219655_PM_at	-1.84822	2.4488E-08
CCL28	224027_PM_at	1.56845	2.46516E-08
EHD2	205341_PM_at	1.59166	2.47489E-08
LOC100287621	243569_PM_at	-1.23306	2.49194E-08
STK17B	205214_PM_at	1.4195	2.51855E-08
IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG3 /// IGHM /// IGH	211633_PM_x_at	2.04277	2.5201E-08
CLIC6	227742_PM_at	1.43224	2.52075E-08
THRB	207044_PM_at	-1.42576	2.5286E-08
CLIC4	201559_PM_s_at	-1.7069	2.5423E-08
CHPF2	221799_PM_at	1.36375	2.56055E-08
DHRS4 /// DHRS4L2	218021_PM_at	-1.82064	2.56145E-08
C19orf6	212574_PM_x_at	-1.21967	2.56293E-08
PYHIN1	216748_PM_at	1.40365	2.57181E-08
BST1	205715_PM_at	-1.41622	2.5989E-08
NOD2	220066_PM_at	1.364	2.60635E-08
ARHGAP28	227911_PM_at	-1.60861	2.6089E-08
HOOK3	224359_PM_s_at	1.27769	2.60922E-08
SPRYD4	225616_PM_at	-1.57993	2.62466E-08

C11orf66	235402_PM_at	-1.3759	2.62861E-08
UGT1A10 /// UGT1A7 /// UGT1A8	221304_PM_at	-1.20421	2.63771E-08
CCL23	210548_PM_at	1.52874	2.64778E-08
FAHD1	226767_PM_s_at	-1.55101	2.65476E-08
DUSP4	204014_PM_at	1.46605	2.65649E-08
PAH	205719_PM_s_at	-2.85528	2.65737E-08
GPS1	217782_PM_s_at	-1.50493	2.67501E-08
DOK3	220320_PM_at	1.38224	2.69372E-08
MRP63	204386_PM_s_at	-1.33179	2.69418E-08
GRAMD1B	212906_PM_at	-1.65165	2.69497E-08
COLEC11	219873_PM_at	-1.92928	2.713E-08
LOC148709	1558577_PM_at	-1.29751	2.73344E-08
CCDC112	235208_PM_at	1.23557	2.74308E-08
DOCK10	215151_PM_at	1.60374	2.76236E-08
PSAT1	220892_PM_s_at	-2.29602	2.76659E-08
EXOSC10	207541_PM_s_at	1.29567	2.83753E-08
KLHL6	228167_PM_at	1.46568	2.87056E-08
PEX7	205420_PM_at	-1.51149	2.87107E-08
RNASET2	217983_PM_s_at	1.47999	2.89208E-08
VNN2	205922_PM_at	1.60844	2.94912E-08
BTN2A2	205299_PM_s_at	1.25764	2.95609E-08
IRF4	204562_PM_at	1.65087	2.96969E-08
IL18RAP	207072_PM_at	1.41096	2.99448E-08
ZNF266	214686_PM_at	1.49089	3.00248E-08
FAM104A	225319_PM_s_at	1.20623	3.00693E-08
PLCB4	203895_PM_at	1.79235	3.01328E-08
ENDOG	204824_PM_at	-1.45805	3.0178E-08
RDH16	206753_PM_at	-1.24512	3.01996E-08
PDSS2	219307_PM_at	-1.39869	3.02468E-08
FSTL3	203592_PM_s_at	1.47292	3.02475E-08
HRH1	205579_PM_at	1.51349	3.03906E-08
TDP2	202266_PM_at	-1.43279	3.04277E-08
ACOT1 /// ACOT2	202982_PM_s_at	-1.60329	3.0626E-08
ZCCHC6	220933_PM_s_at	1.42394	3.06395E-08

HAVCR1	207052_PM_at	1.7576	3.09484E-08
LOC100288442 /// LOC339047 /// LOC399491	214035_PM_x_at	1.33921	3.16032E-08
ST13	207040_PM_s_at	-1.23414	3.16637E-08
MAP7	202889_PM_x_at	-2.1704	3.19099E-08
PRKCDBP	213010_PM_at	1.4851	3.19381E-08
CD14	201743_PM_at	1.74931	3.24265E-08
APCDD1	225016_PM_at	1.94789	3.24717E-08
MT3	205970_PM_at	-1.30437	3.26406E-08
ZNF558	227810_PM_at	1.30424	3.27454E-08
PTPN6	206687_PM_s_at	1.54427	3.27949E-08
NNT	202783_PM_at	-1.72245	3.28203E-08
CBARA1	216903_PM_s_at	-1.41898	3.29334E-08
RAB11FIP5	210879_PM_s_at	-1.44021	3.29377E-08
C1S	208747_PM_s_at	1.6671	3.2946E-08
EFEMP1	201842_PM_s_at	1.46768	3.29512E-08
LILRB3	210225_PM_x_at	1.41501	3.30003E-08
VIL1	205506_PM_at	-1.45769	3.3048E-08
ATP6V1G3	230565_PM_at	-2.11582	3.31423E-08
ABCG2	209735_PM_at	-1.53078	3.36301E-08
STOML2	215416_PM_s_at	-1.2975	3.37927E-08
FCRL3	231093_PM_at	1.41685	3.40846E-08
SRGN	201858_PM_s_at	1.87513	3.4338E-08
C10orf58	224435_PM_at	-1.42448	3.47303E-08
TEX261	212083_PM_at	-1.25359	3.48523E-08
HRSP12	203790_PM_s_at	-1.69017	3.51824E-08
PPP1R16A	225203_PM_at	-1.74708	3.52557E-08
AGPAT3	219723_PM_x_at	-1.41834	3.53793E-08
TRANK1	213261_PM_at	1.44872	3.55909E-08
SLC7A13	238287_PM_at	-4.3475	3.56485E-08
TPMT	203671_PM_at	-1.4165	3.56505E-08
SLC39A8	209266_PM_s_at	-1.32992	3.57785E-08
UPP2	231376_PM_at	-2.89377	3.5794E-08
IQSEC3	213834_PM_at	-1.25231	3.59325E-08
ABI2	207268_PM_x_at	-1.23745	3.59347E-08

C14orf149	227699_PM_at	-1.63225	3.60162E-08
SDCBP	200958_PM_s_at	1.24184	3.61082E-08
C22orf9	212421_PM_at	1.4287	3.61812E-08
ZFAT	226564_PM_at	-1.29572	3.70573E-08
FAM50B	205775_PM_at	-1.30067	3.71148E-08
NFE2L1	200758_PM_s_at	-1.2492	3.74031E-08
BCL11A	210347_PM_s_at	1.6278	3.75613E-08
TM7SF2	210130_PM_s_at	-1.56148	3.7815E-08
RFTN1	212646_PM_at	1.20204	3.78163E-08
PPP4R1	201594_PM_s_at	1.21852	3.78447E-08
PSPH	205048_PM_s_at	-1.45443	3.8456E-08
FLJ40330	1556183_PM_at	1.92726	3.84609E-08
P2RY14	206637_PM_at	1.70342	3.84658E-08
AGXT	206957_PM_at	-2.21255	3.84834E-08
TMBIM6	200803_PM_s_at	-1.26707	3.84969E-08
INPP5D	203331_PM_s_at	1.37364	3.85708E-08
NUBPL	220176_PM_at	-1.38584	3.96973E-08
HSPD1	200806_PM_s_at	-1.38071	3.9977E-08
TUBAL3	220310_PM_at	-2.06707	4.00243E-08
PM20D1	239929_PM_at	-2.11432	4.02245E-08
IL12RB1	239522_PM_at	1.36263	4.02463E-08
CKAP4	200998_PM_s_at	1.32181	4.0274E-08
CYSLTR1	216288_PM_at	1.51759	4.03369E-08
TAP2	204769_PM_s_at	1.60776	4.0371E-08
METTTL11A	223368_PM_s_at	-1.25183	4.06582E-08
TMEM14A	218477_PM_at	-1.29792	4.06696E-08
ETFB	202942_PM_at	-1.45633	4.06926E-08
LPCAT1	201818_PM_at	1.6106	4.10426E-08
CFH /// CFHR1	215388_PM_s_at	1.74934	4.11777E-08
HIST1H2BK	209806_PM_at	1.62543	4.12237E-08
GIT2	204982_PM_at	1.37666	4.1547E-08
OLIG1	228170_PM_at	-1.45494	4.15639E-08
PPID	204185_PM_x_at	-1.45095	4.17368E-08
FASTKD5	219016_PM_at	-1.41312	4.18834E-08

DUSP9	205777_PM_at	-1.82777	4.21818E-08
IFT46	218483_PM_s_at	-1.36362	4.22139E-08
TUBA1B	201090_PM_x_at	1.25787	4.24522E-08
TMEM43	217795_PM_s_at	1.30772	4.27306E-08
SLC23A1	223732_PM_at	-2.49841	4.28848E-08
IGHG1 /// IGHM /// LOC100133862	211640_PM_x_at	1.46742	4.29143E-08
CDKN2AIPNL	235006_PM_at	-1.29634	4.29741E-08
MS4A2	207496_PM_at	1.43673	4.30214E-08
GIMAP7	228071_PM_at	1.60575	4.30321E-08
DBT	205369_PM_x_at	-1.54733	4.31046E-08
APOBEC3C	209584_PM_x_at	1.27407	4.34063E-08
TYRP1	205694_PM_at	-2.30226	4.34257E-08
EPSTI1	227609_PM_at	1.61544	4.3561E-08
LAT /// SPNS1	209881_PM_s_at	1.52927	4.38489E-08
SLC37A4	202830_PM_s_at	-1.85426	4.47001E-08
IFI30	201422_PM_at	1.43206	4.51152E-08
C10orf114	1555922_PM_at	-1.39144	4.53093E-08
PLG	209977_PM_at	-3.27733	4.53425E-08
GPM6B	209167_PM_at	1.69537	4.54396E-08
ACSS3	219616_PM_at	-1.56214	4.5458E-08
LIX1	230865_PM_at	1.98161	4.5474E-08
SLC25A20	203658_PM_at	-1.4666	4.54743E-08
CIAO1	203536_PM_s_at	-1.30834	4.55487E-08
NDUFAF3	209177_PM_at	-1.24069	4.56411E-08
KIF21B	204411_PM_at	1.43702	4.64167E-08
SLC31A1	203971_PM_at	-1.53273	4.64272E-08
LOC400236	227885_PM_at	-1.23705	4.73315E-08
HSPA12A	214434_PM_at	-1.22879	4.73694E-08
RAB27B	207017_PM_at	1.32256	4.74152E-08
TMEM132E	243708_PM_at	-1.70359	4.75302E-08
CRLF3	205474_PM_at	1.53906	4.75471E-08
GFI1	206589_PM_at	1.27566	4.8111E-08
SORD	201562_PM_s_at	-2.20068	4.87927E-08
RPA3	209507_PM_at	-1.30896	4.90323E-08

LOC100288387	213281_PM_at	1.4275	4.91011E-08
C5AR1	220088_PM_at	1.4709	4.98054E-08
ZGPAT	221848_PM_at	-2.03474	4.9853E-08
DDT	202929_PM_s_at	-1.34033	5.0166E-08
C13orf27	213346_PM_at	-1.43567	5.04929E-08
CLNK	1562587_PM_at	-1.28849	5.05324E-08
TES	202719_PM_s_at	1.77088	5.10759E-08
CCNJ	219470_PM_x_at	1.25445	5.17785E-08
GCAT	205164_PM_at	-1.66354	5.22907E-08
NAPRT1	226707_PM_at	-1.23695	5.23038E-08
LOC100288442 /// LOC339047 /// NPIP	214870_PM_x_at	1.34207	5.23186E-08
LIN7A	206440_PM_at	-1.31715	5.23211E-08
UPB1	220507_PM_s_at	-1.97498	5.23387E-08
TMEM177	218897_PM_at	-1.22778	5.23944E-08
FGF9	206404_PM_at	-1.65495	5.24466E-08
EMR2	207610_PM_s_at	1.3202	5.29275E-08
KLF8	219930_PM_at	1.23166	5.29531E-08
QPRT	204044_PM_at	-1.69876	5.31696E-08
IRF2	203275_PM_at	1.21732	5.36268E-08
KLF15	221302_PM_at	-1.37813	5.37002E-08
C8orf38	230016_PM_at	-1.22494	5.39927E-08
IDO1	210029_PM_at	2.30826	5.40197E-08
SP140L	214791_PM_at	1.27107	5.46395E-08
SPAG4	219888_PM_at	1.68368	5.46419E-08
SPHK2	209857_PM_s_at	-1.36123	5.47564E-08
ZFPL1	209428_PM_s_at	-1.35803	5.4937E-08
MPP1	202974_PM_at	-1.34582	5.53936E-08
PEPD	202108_PM_at	-1.79263	5.54337E-08
GLYR1 /// SEPT6	212414_PM_s_at	1.48652	5.58672E-08
KCNK10	220727_PM_at	-1.38905	5.61787E-08
C1orf183	220476_PM_s_at	-1.24629	5.64736E-08
LOC730091	230780_PM_at	-1.38243	5.64866E-08
PARP11	220315_PM_at	1.34961	5.66834E-08
FMNL2	226184_PM_at	1.34098	5.73533E-08

EPB41L3	206710_PM_s_at	-1.67969	5.73602E-08
DCAF13	220843_PM_s_at	-1.3591	5.74129E-08
GUCY1A3	221942_PM_s_at	1.51539	5.83219E-08
FLNA	200859_PM_x_at	1.52385	5.84733E-08
CRYL1	220753_PM_s_at	-1.64256	5.90132E-08
TNFSF8	241819_PM_at	1.26455	5.94055E-08
FLJ35776	238432_PM_at	1.2261	5.98993E-08
KIAA1191	224502_PM_s_at	-1.401	6.01831E-08
ZNF101	1552633_PM_at	1.23293	6.03647E-08
RASGEF1A	230563_PM_at	1.53306	6.05107E-08
SOCS3	206359_PM_at	1.4257	6.05131E-08
SEPHS2	200961_PM_at	-1.3395	6.05487E-08
DHX30	204355_PM_at	-1.35138	6.08452E-08
SLC22A4	205896_PM_at	-1.99347	6.10941E-08
MOSC1	218865_PM_at	-1.30791	6.1131E-08
DECR2	219664_PM_s_at	-1.54954	6.16243E-08
POFUT1	212349_PM_at	-1.2194	6.27808E-08
OGG1	205301_PM_s_at	-1.43702	6.28218E-08
MAF	206363_PM_at	-1.65431	6.28918E-08
RCC2	224578_PM_at	1.28898	6.29646E-08
MRPS34	218112_PM_at	-1.31556	6.41063E-08
P2RY12	224102_PM_at	1.31911	6.47824E-08
MME	203434_PM_s_at	-2.40715	6.51169E-08
OASL	205660_PM_at	1.29312	6.55922E-08
SYTL1	227134_PM_at	1.46712	6.5696E-08
MAP4K1	206296_PM_x_at	1.52586	6.5837E-08
CDHR5	220074_PM_at	-2.0399	6.58599E-08
GJB1	204973_PM_at	-1.56338	6.62246E-08
SHMT1	209980_PM_s_at	-1.55633	6.65163E-08
CDADC1	221015_PM_s_at	-1.3271	6.69012E-08
SLC30A9	202614_PM_at	-1.34236	6.69198E-08
TMEM126A	223334_PM_at	-1.2016	6.71062E-08
GLI3	205201_PM_at	-1.42534	6.74011E-08
KCTD12	212188_PM_at	1.44617	6.7824E-08

PCTP	218676_PM_s_at	-1.49682	6.84204E-08
KYNU	204385_PM_at	-1.92201	6.84665E-08
LIF	205266_PM_at	1.51735	6.86842E-08
ENTPD5	205757_PM_at	-1.77289	6.92279E-08
KDM2B	226215_PM_s_at	1.47152	6.93917E-08
B4GALT4	210540_PM_s_at	-1.3497	6.95895E-08
ATP6V1B1	205473_PM_at	-1.34023	6.97321E-08
STK4	211085_PM_s_at	1.42257	7.0113E-08
RENBP	206617_PM_s_at	-1.63419	7.07592E-08
BASP1	202391_PM_at	1.88112	7.16983E-08
MLL	212076_PM_at	1.40388	7.20451E-08
C21orf96	220918_PM_at	1.72831	7.20766E-08
SLC25A10	218275_PM_at	-1.88293	7.22015E-08
HSD17B14	219113_PM_x_at	-1.84896	7.24549E-08
FZD2	210220_PM_at	1.49277	7.25217E-08
CYB5A	207843_PM_x_at	-1.41934	7.34495E-08
FOLR2	204829_PM_s_at	1.32949	7.35889E-08
EVPLL /// LOC100132977	236933_PM_at	-1.23427	7.35896E-08
MS4A14	229510_PM_at	1.44148	7.40645E-08
CYP17A1	205502_PM_at	-1.66552	7.43961E-08
ABHD6	221552_PM_at	-1.5715	7.44963E-08
PFKP	201037_PM_at	1.2183	7.53771E-08
CEMP1	222009_PM_at	-1.22661	7.54049E-08
RARRES1	206392_PM_s_at	2.39777	7.54071E-08
LOC644242	1558404_PM_at	-1.74403	7.55387E-08
DYNLL2	229106_PM_at	-1.40722	7.62236E-08
ZYX	200808_PM_s_at	1.33013	7.6275E-08
SLC4A7	207604_PM_s_at	1.48936	7.62775E-08
SLC38A9	235241_PM_at	1.45059	7.72697E-08
ALDH9A1	201612_PM_at	-1.26529	7.74127E-08
C9orf66	1552755_PM_at	-2.40722	7.74624E-08
FGFR1OP	205588_PM_s_at	-1.28864	7.74889E-08
PECR	221142_PM_s_at	-1.37304	7.79035E-08
GPT	206709_PM_x_at	-1.50826	7.89651E-08

CRLS1	223978_PM_s_at	-1.29449	7.9145E-08
SLC25A44	212683_PM_at	-1.3311	7.92807E-08
MAMLD1	205088_PM_at	1.34542	7.98275E-08
HSPE1	205133_PM_s_at	-1.26399	8.02434E-08
LOC649305	1568780_PM_at	1.49572	8.02537E-08
SLA2	232234_PM_at	1.20563	8.06354E-08
DBF4	204244_PM_s_at	1.32455	8.08415E-08
RRAS2	208456_PM_s_at	-1.49667	8.08505E-08
CABC1	218168_PM_s_at	-1.29316	8.15111E-08
FHL2	202949_PM_s_at	1.65243	8.17952E-08
GET4 /// SUN1	223811_PM_s_at	-1.39114	8.2197E-08
TUBGCP2	202476_PM_s_at	-1.38827	8.23537E-08
ATP5F1	211755_PM_s_at	-1.29393	8.24229E-08
LOC440330	223911_PM_at	-1.20519	8.29388E-08
C14orf106	206500_PM_s_at	1.41911	8.37054E-08
LHX6	219884_PM_at	1.52411	8.41741E-08
DNAJB9	202842_PM_s_at	-1.5578	8.43648E-08
MCTP2	220603_PM_s_at	1.31854	8.46584E-08
OSTBETA	230830_PM_at	-2.3884	8.46871E-08
C8orf82	226710_PM_at	-1.46246	8.48106E-08
PEX5	203244_PM_at	-1.21864	8.52586E-08
AP1G2	201613_PM_s_at	1.42532	8.54581E-08
FAM184A	220150_PM_s_at	-1.31132	8.54686E-08
DDX25	219945_PM_at	-1.31532	8.55641E-08
CLIC2	213415_PM_at	1.63365	8.5577E-08
AGPHD1	236150_PM_at	-1.56821	8.59816E-08
LYZ	213975_PM_s_at	2.63086	8.61336E-08
PLEKHF1	219566_PM_at	1.49713	8.6475E-08
C4orf12	241401_PM_at	-1.74162	8.6567E-08
QSER1	226265_PM_at	1.29396	8.82123E-08
GIMAP1	236401_PM_at	1.43555	8.82215E-08
TLE2	204431_PM_at	1.38662	8.82373E-08
COL4A1	211980_PM_at	1.57673	8.82499E-08
NCRNA00081	213224_PM_s_at	1.26879	8.93613E-08

BCL6	203140_PM_at	1.74983	9.03936E-08
ARHGAP24	221030_PM_s_at	-1.49376	9.06723E-08
AK2	205996_PM_s_at	-1.33709	9.07741E-08
DCLRE1B	219490_PM_s_at	1.23899	9.11686E-08
S100A13	202598_PM_at	1.33883	9.12634E-08
C1orf96	225904_PM_at	1.49043	9.1512E-08
OXCT1	202780_PM_at	-1.49484	9.22861E-08
KIAA1462	213316_PM_at	1.42994	9.28347E-08
HEYL	220662_PM_s_at	1.20585	9.3496E-08
TCF4	203753_PM_at	1.6341	9.3785E-08
ZDHHC4	220261_PM_s_at	-1.20514	9.54476E-08
VANGL2	226029_PM_at	1.46785	9.54796E-08
EBP	202735_PM_at	-1.49108	9.60603E-08
ENO2	201313_PM_at	1.5257	9.65113E-08
CCDC3	223316_PM_at	1.69636	9.70636E-08
TRHDE	219937_PM_at	-1.71179	9.73394E-08
PGPEP1	219891_PM_at	-1.53811	9.74855E-08
NT5DC1	223177_PM_at	-1.34628	9.84708E-08
MPP5	219321_PM_at	-1.28484	9.94396E-08
FUT3	214088_PM_s_at	-1.54776	9.98512E-08
MAOB	204041_PM_at	-1.5084	1.01942E-07
BTN3A2	209846_PM_s_at	1.60829	1.02134E-07
LOC100289632	1556078_PM_at	-1.2552	1.0215E-07
TMEM199	225374_PM_at	-1.34817	1.02165E-07
ATP2A3	207522_PM_s_at	1.62213	1.02178E-07
LENG8	224673_PM_at	1.50851	1.04472E-07
MYADM	224920_PM_x_at	1.58938	1.0492E-07
LRPPRC	211615_PM_s_at	-1.32646	1.06339E-07
NHEJ1	219418_PM_at	-1.35708	1.06895E-07
DDN	214788_PM_x_at	-1.62107	1.06968E-07
BCKDHB	210653_PM_s_at	-1.65746	1.07513E-07
ST3GAL5	203217_PM_s_at	1.44185	1.08727E-07
PLA2G4C	209785_PM_s_at	1.28543	1.09604E-07
CXCL9	203915_PM_at	3.48379	1.09617E-07

THBS2	203083_PM_at	2.21163	1.0967E-07
NMNAT3	228090_PM_at	-1.27123	1.12943E-07
WNT5A	205990_PM_s_at	1.6753	1.1322E-07
FLJ41484	238127_PM_at	1.33467	1.13286E-07
ETS1	214447_PM_at	1.4817	1.13489E-07
KIAA1841	243539_PM_at	1.53293	1.13804E-07
IL1B	205067_PM_at	1.42706	1.14173E-07
DMXL1	203791_PM_at	-1.38278	1.14197E-07
CAMK1D	220246_PM_at	1.35878	1.14205E-07
SFMBT2	227210_PM_at	1.54066	1.14721E-07
C22orf45	237447_PM_at	-1.53794	1.15035E-07
WARS	200628_PM_s_at	1.4352	1.15515E-07
PPM1H	212686_PM_at	-1.27433	1.17493E-07
CCL13	206407_PM_s_at	1.30665	1.20871E-07
ABCF3	202394_PM_s_at	-1.25107	1.21451E-07
SEMA4B	234725_PM_s_at	1.41774	1.21475E-07
IFFO2	225615_PM_at	1.40518	1.22109E-07
TGM6	233983_PM_at	-1.20152	1.222E-07
HPSE	219403_PM_s_at	1.22208	1.22366E-07
PROM1	204304_PM_s_at	2.31	1.22398E-07
C10orf128	228372_PM_at	1.69707	1.22575E-07
G0S2	213524_PM_s_at	-1.52035	1.23216E-07
CD44	204489_PM_s_at	1.69217	1.23535E-07
MYOM3	230284_PM_at	-1.55506	1.25737E-07
ACO2	200793_PM_s_at	-1.26655	1.26298E-07
SNX4	205329_PM_s_at	-1.44344	1.26622E-07
MTFR1	203207_PM_s_at	-1.51402	1.26697E-07
BAIAP2	205293_PM_x_at	-1.26152	1.28429E-07
C17orf75	203830_PM_at	-1.33059	1.28819E-07
TRAF3	208315_PM_x_at	1.2094	1.31459E-07
GPC5	207174_PM_at	-2.43042	1.3153E-07
ELF1	212418_PM_at	1.39565	1.3221E-07
GGT6	236225_PM_at	-2.11295	1.324E-07
C4orf31	219747_PM_at	-1.97252	1.32618E-07

GAB2	203853_PM_s_at	1.24506	1.32769E-07
BATF	205965_PM_at	1.41429	1.33009E-07
SCLY	221575_PM_at	-1.2995	1.33018E-07
ECH1	200789_PM_at	-1.42096	1.34979E-07
HABP4	209818_PM_s_at	-1.31582	1.37314E-07
CD3E	205456_PM_at	1.30087	1.37323E-07
FJX1	219522_PM_at	1.33279	1.37777E-07
TMC6	204328_PM_at	1.24795	1.37862E-07
HLA-B	208729_PM_x_at	1.51832	1.38173E-07
LOC400960	227969_PM_at	-1.27191	1.38262E-07
TRIM59	227801_PM_at	1.42782	1.40144E-07
KHK	205175_PM_s_at	-2.08017	1.40911E-07
SLC25A11	207088_PM_s_at	-1.45864	1.42594E-07
ICAM2	204683_PM_at	1.4907	1.43067E-07
UQCRC1	201903_PM_at	-1.34822	1.43296E-07
TSPAN9	205665_PM_at	-1.26768	1.43579E-07
RPL22L1	225541_PM_at	1.3982	1.44029E-07
TRAF5	204352_PM_at	1.62008	1.44363E-07
ENTPD1	207691_PM_x_at	1.3814	1.46344E-07
NEBL	203961_PM_at	-1.25338	1.46602E-07
DPYSL2	200762_PM_at	1.2542	1.46845E-07
AFMID /// IDS	212221_PM_x_at	1.21916	1.47928E-07
CBR4	213626_PM_at	-1.22983	1.47992E-07
REXO2	218194_PM_at	-1.55623	1.48458E-07
PCP2	244751_PM_at	-1.25384	1.51166E-07
ZAP70	214032_PM_at	1.43613	1.51406E-07
FUT6	210398_PM_x_at	-1.59062	1.54367E-07
IYD	231070_PM_at	-2.01486	1.54778E-07
KIAA1147	223161_PM_at	-1.31258	1.58287E-07
RWDD4A	225574_PM_at	-1.25161	1.58988E-07
SLC16A7	207057_PM_at	-1.52681	1.59349E-07
HSD17B8	213540_PM_at	-1.38019	1.59434E-07
AKAP13	208325_PM_s_at	1.34107	1.59453E-07
BCL2L2	209311_PM_at	-1.32859	1.60037E-07

PTPN2	213136_PM_at	1.34909	1.6013E-07
CLDN4	201428_PM_at	1.67417	1.64943E-07
C2CD4A	241031_PM_at	1.4811	1.65489E-07
C12orf62	225772_PM_s_at	-1.21888	1.6553E-07
LOC1518	1563445_PM_x_at	-1.60627	1.66417E-07
CLPB	221845_PM_s_at	-1.4528	1.67032E-07
FBXO22	225734_PM_at	-1.32402	1.67714E-07
ENPP6	229916_PM_at	-2.51936	1.67869E-07
GRAP	229726_PM_at	1.26296	1.68009E-07
LGMN	201212_PM_at	-1.50221	1.68366E-07
RGS9BP	1556199_PM_a_at	-1.25214	1.68385E-07
FAM125A	227864_PM_s_at	1.26517	1.68448E-07
LOC732160 /// NDUFA10	217860_PM_at	-1.34569	1.68456E-07
CRYAA	210199_PM_at	-2.55053	1.70014E-07
GSR	205770_PM_at	-1.32934	1.71784E-07
LBR	201795_PM_at	1.27004	1.72107E-07
PTGFRN	224937_PM_at	1.60662	1.72375E-07
TTC39C	230747_PM_s_at	1.27204	1.72453E-07
C8orf40	225534_PM_at	-1.26572	1.726E-07
GP1BB	209769_PM_s_at	-1.4255	1.72605E-07
TM7SF3	217974_PM_at	-1.37918	1.73039E-07
RGS10	204316_PM_at	1.28894	1.75342E-07
CSRP2BP /// PET117	228544_PM_s_at	-1.32018	1.75859E-07
CDH9	207729_PM_at	-1.33736	1.77901E-07
ANKS4B	239087_PM_at	-1.30188	1.78508E-07
SLC35D1	209711_PM_at	-1.46108	1.8066E-07
C4orf48	229860_PM_x_at	1.62984	1.82503E-07
DMRT2	223986_PM_x_at	-1.46399	1.82538E-07
FAM167B	223657_PM_at	1.4505	1.84168E-07
DNAJC25	226859_PM_at	-1.29388	1.84174E-07
MMP17	206234_PM_s_at	-1.25033	1.85291E-07
CHD8	212571_PM_at	1.30892	1.85805E-07
TRIP4	203732_PM_at	-1.26205	1.86064E-07
SYT13	221859_PM_at	-1.36382	1.87268E-07

WLS	221958_PM_s_at	-1.29281	1.87881E-07
CHI3L2	213060_PM_s_at	1.63979	1.89112E-07
MPZL1	201874_PM_at	1.24096	1.90517E-07
KBTBD8	239835_PM_at	1.34301	1.91667E-07
EPHX2	209368_PM_at	-1.89552	1.9192E-07
SEPHS1	208939_PM_at	-1.27189	1.92959E-07
SLC9A9	227791_PM_at	1.22294	1.94505E-07
STEAP4	220187_PM_at	1.57431	1.95876E-07
ATM	208442_PM_s_at	1.33869	1.9598E-07
NAV1	224770_PM_s_at	1.35726	1.96081E-07
NUDT4 /// NUDT4P1	206302_PM_s_at	-1.50317	1.96436E-07
NCRNA00103	232172_PM_at	1.30086	1.97171E-07
NPIP	204538_PM_x_at	1.313	1.98605E-07
MRPS33	218654_PM_s_at	-1.22949	1.98663E-07
C13orf18	219471_PM_at	1.64109	1.98865E-07
AKR7A2	202139_PM_at	-1.42794	1.99362E-07
NXN	219489_PM_s_at	1.56865	1.99701E-07
CYR61	201289_PM_at	1.88228	2.00111E-07
RTDR1	220105_PM_at	-1.25734	2.0097E-07
ATP7B	204624_PM_at	-1.4009	2.0135E-07
ACN9	218981_PM_at	-1.35265	2.01558E-07
DIO1	206457_PM_s_at	-2.92317	2.02099E-07
SERPINA4	213874_PM_at	-1.50418	2.05901E-07
CCDC142 /// MRPL53	225523_PM_at	-1.24047	2.08697E-07
CARD8	204950_PM_at	1.50103	2.09211E-07
KCNMB1	209948_PM_at	1.43856	2.09233E-07
OXSM	219133_PM_at	-1.26294	2.09281E-07
CFB	202357_PM_s_at	1.30651	2.10286E-07
BAIAP2L2	228876_PM_at	-1.3969	2.10549E-07
GPR137B	204137_PM_at	-1.56886	2.11375E-07
LEAP2	1552362_PM_a_at	-2.00449	2.1437E-07
NANP	228073_PM_at	-1.31606	2.18458E-07
SLC16A2	204462_PM_s_at	-1.43678	2.19442E-07
NUDT6	220183_PM_s_at	-1.82058	2.19532E-07

GALK2	205219_PM_s_at	-1.36381	2.22377E-07
CD93	202877_PM_s_at	1.42962	2.22737E-07
ACAD8	221669_PM_s_at	-1.48917	2.23274E-07
PBLD	219543_PM_at	-2.03348	2.23288E-07
PAPPA	201981_PM_at	1.69736	2.23924E-07
TMEM49	1569003_PM_at	1.47786	2.24057E-07
ACOT6	241949_PM_at	-1.46811	2.2457E-07
C1orf216	212791_PM_at	1.42437	2.24583E-07
LOC645895 /// MYBL1	231268_PM_at	-1.43076	2.25333E-07
TNFRSF1A	207643_PM_s_at	1.32589	2.26908E-07
MAST2	211593_PM_s_at	-1.2335	2.27141E-07
RORC	206419_PM_at	-1.30998	2.27205E-07
SNX6	217789_PM_at	1.2032	2.27245E-07
NARS2	219217_PM_at	-1.4663	2.28185E-07
SLC26A1	205058_PM_at	-1.22002	2.28482E-07
DHDDS	218547_PM_at	-1.21527	2.29382E-07
SPATA21	1570241_PM_at	-1.21748	2.32342E-07
ESRRG	207981_PM_s_at	-1.67848	2.33029E-07
YRDC	218647_PM_s_at	-1.20003	2.33155E-07
C17orf49	224574_PM_at	1.33812	2.34215E-07
RBPMS2	228802_PM_at	-1.5898	2.354E-07
FHIT	206492_PM_at	-1.577	2.37513E-07
PLXND1	212235_PM_at	1.45609	2.39322E-07
ACY3	230481_PM_at	-1.84843	2.40522E-07
CCL3 /// CCL3L1 /// CCL3L3	205114_PM_s_at	1.91031	2.40951E-07
C12orf52	221777_PM_at	-1.36187	2.45863E-07
CNTROB	228633_PM_s_at	-1.26165	2.45987E-07
LOC100289219	242705_PM_x_at	-1.47645	2.46872E-07
FLI1	204236_PM_at	1.4778	2.46949E-07
CEP170	207719_PM_x_at	1.49309	2.47581E-07
C9orf24	229012_PM_at	-1.39748	2.47883E-07
FBLIM1	225258_PM_at	1.3539	2.47918E-07
LPA /// PLG	209978_PM_s_at	-3.41638	2.48017E-07
CLDN8	214598_PM_at	-1.96788	2.50888E-07

GOLGA6L4 /// PML	211012_PM_s_at	1.21784	2.51168E-07
SIRPB2	1559034_PM_at	1.24519	2.53892E-07
IGHM /// LOC652494	215949_PM_x_at	1.64964	2.54731E-07
EEFSEC	227540_PM_at	-1.40188	2.55235E-07
CDC7	204510_PM_at	1.52368	2.56429E-07
HAAO	205657_PM_at	-1.46887	2.5778E-07
PPIF	201489_PM_at	-1.44009	2.59264E-07
CHDH	229502_PM_at	-1.75217	2.59327E-07
MFHAS1	213457_PM_at	1.30973	2.59993E-07
CNNM2	206818_PM_s_at	-1.30314	2.6039E-07
IFI44L	204439_PM_at	2.06661	2.63523E-07
RUNDC3B	215321_PM_at	-1.64457	2.677E-07
NOL8	218244_PM_at	1.24801	2.68362E-07
ASAP1IT1	220694_PM_at	1.47049	2.69082E-07
DDC	205311_PM_at	-2.71714	2.72438E-07
LOC729020 /// RPE	216574_PM_s_at	-1.40233	2.72669E-07
TRAP1	201391_PM_at	-1.29279	2.73743E-07
LOC100289641	231046_PM_at	-1.41976	2.75155E-07
ACSL4	1557418_PM_at	1.51311	2.75181E-07
CHCHD1	226896_PM_at	-1.23817	2.76216E-07
HN1	217755_PM_at	1.41221	2.79049E-07
CYCS	208905_PM_at	-1.37493	2.79174E-07
KATNAL2	1554234_PM_at	-1.28398	2.79266E-07
LOC84856	233562_PM_at	-1.57757	2.79633E-07
NCRNA00118	230488_PM_s_at	-1.52805	2.80299E-07
STAT3	208991_PM_at	1.26234	2.83357E-07
OSMR	205729_PM_at	1.39277	2.84187E-07
CORT	210182_PM_at	-1.29638	2.84385E-07
NUB1	222512_PM_at	1.24744	2.87313E-07
PPP1R16B	212750_PM_at	-1.5605	2.87724E-07
DDX39	201584_PM_s_at	1.21995	2.87727E-07
LOC100294402 /// SIGIRR	218921_PM_at	-1.49779	2.8779E-07
RAP2A /// RAP2B	214487_PM_s_at	-1.24759	2.88635E-07
HDHD2	223155_PM_at	-1.22571	2.89334E-07

EPHA2	203499_PM_at	1.3337	2.89636E-07
MRPL40	203152_PM_at	-1.20218	2.90863E-07
FAM195A	225861_PM_at	-1.53163	2.91569E-07
NUDT16P1	232251_PM_at	-1.25281	2.93007E-07
CCNYL1	227280_PM_s_at	-1.25193	2.93677E-07
LOC100128868	1555392_PM_at	1.33099	2.93951E-07
SEC14L1	202082_PM_s_at	1.30908	2.95442E-07
C10orf67	1553843_PM_at	-1.20378	2.95559E-07
MIPEP	204305_PM_at	-1.41018	2.9619E-07
ANXA3	209369_PM_at	1.71188	2.9656E-07
LOC100287081	228231_PM_at	-1.27531	2.9897E-07
LYST	203518_PM_at	1.48139	3.01876E-07
LRRK1	219441_PM_s_at	1.32492	3.04156E-07
SDK1	229407_PM_at	1.22863	3.06475E-07
VDAC1	212038_PM_s_at	-1.49237	3.07389E-07
KIAA0922	209760_PM_at	1.35488	3.07803E-07
PCK2	202847_PM_at	-2.12439	3.09184E-07
CCL19	210072_PM_at	2.79452	3.09335E-07
WT1	206067_PM_s_at	-1.55881	3.11334E-07
C21orf119	227424_PM_x_at	-1.36288	3.11573E-07
SGK2	220357_PM_s_at	-1.65015	3.15671E-07
POLDIP2	217806_PM_s_at	-1.37147	3.21722E-07
ALDH7A1	208950_PM_s_at	-1.62113	3.22323E-07
CRISPLD2	221541_PM_at	1.62624	3.23382E-07
CHP2	206149_PM_at	-1.47659	3.23557E-07
GAS5	224741_PM_x_at	1.45685	3.24212E-07
TUFM	201113_PM_at	-1.21152	3.24965E-07
METTL1	204027_PM_s_at	-1.41038	3.253E-07
MFSD4	229254_PM_at	-1.70872	3.25803E-07
TMTC4	225666_PM_at	-1.41656	3.26977E-07
TIMM44	203092_PM_at	-1.25996	3.27006E-07
CACNB2	207776_PM_s_at	-1.25017	3.27506E-07
FGB	204988_PM_at	2.94922	3.29438E-07
FOS	209189_PM_at	1.80768	3.31442E-07

C6orf108	204238_PM_s_at	-1.52619	3.31592E-07
KIAA2026	228446_PM_at	1.21882	3.31691E-07
STOX2	226822_PM_at	1.46512	3.31697E-07
C15orf61	229742_PM_at	-1.38129	3.32693E-07
FAM82A2	218126_PM_at	-1.21002	3.32896E-07
HMX2	244565_PM_at	-1.58582	3.33351E-07
CCNA2	203418_PM_at	1.28322	3.34223E-07
MLX	210752_PM_s_at	-1.49113	3.37161E-07
SH3BGRL3	221269_PM_s_at	1.4959	3.37381E-07
	7-Sep 213151_PM_s_at	1.28127	3.39195E-07
GSTA1	203924_PM_at	-1.7168	3.45589E-07
UFSP2	218449_PM_at	-1.21985	3.49026E-07
CBX6	202047_PM_s_at	1.31372	3.49339E-07
AMZ1	1561179_PM_s_at	-1.25216	3.63173E-07
LOC154761	227868_PM_at	1.43562	3.64366E-07
CBLB	209682_PM_at	1.36421	3.65298E-07
ZEB2	203603_PM_s_at	1.43979	3.6657E-07
C4orf52	225014_PM_at	-1.25985	3.68182E-07
FAM36A	224820_PM_at	-1.20238	3.69729E-07
TSPAN33	225775_PM_at	-1.51354	3.69781E-07
VASP	202205_PM_at	1.39654	3.7053E-07
ZFYVE20	226581_PM_at	-1.31116	3.71857E-07
MTL5	219786_PM_at	-1.23094	3.72066E-07
CRISP2	210262_PM_at	-1.26857	3.72087E-07
CPNE7	219707_PM_at	-1.31425	3.72225E-07
DNAJC12	218976_PM_at	-2.05992	3.72904E-07
CLIC1	208659_PM_at	1.36337	3.74393E-07
LOXL4	227145_PM_at	1.39641	3.75745E-07
LRRC28	227423_PM_at	-1.80515	3.77286E-07
HIBADH	224812_PM_at	-2.1571	3.80639E-07
C18orf54	229442_PM_at	1.23345	3.82923E-07
AIMP2	202138_PM_x_at	-1.26507	3.85845E-07
EPN1	221141_PM_x_at	-1.29706	3.86052E-07
HNMT	204110_PM_at	-1.20319	3.86357E-07

NCOA2	205731_PM_s_at	1.23094	3.90109E-07
RNF135	223591_PM_at	-1.23898	3.90386E-07
GIMAP8	235306_PM_at	1.51355	3.93118E-07
MIDN	225954_PM_s_at	1.4348	3.98801E-07
MMRN2	219091_PM_s_at	1.39773	4.00707E-07
SH3GL2	205751_PM_at	-1.86327	4.00752E-07
EBF1	227646_PM_at	1.57279	4.00825E-07
ADRA2A	209869_PM_at	1.66722	4.01391E-07
SLC35E3	218988_PM_at	-1.22211	4.03431E-07
ASPSCR1	218908_PM_at	-1.38673	4.08463E-07
USP2	207211_PM_at	-1.8082	4.09079E-07
SLC39A5	231667_PM_at	-2.1899	4.09948E-07
ATP5A1	213738_PM_s_at	-1.21206	4.11082E-07
MYO9B	214780_PM_s_at	1.22558	4.11262E-07
DUSP2	204794_PM_at	1.48844	4.12429E-07
PSEN2	204261_PM_s_at	-1.22539	4.16811E-07
SEPSECS	227982_PM_at	-1.34184	4.17251E-07
ZC3H12A	218810_PM_at	1.25599	4.18693E-07
OXGR1	1553319_PM_at	-1.24766	4.21686E-07
ESRRB	223858_PM_at	-1.36512	4.28167E-07
SLC43A3	213113_PM_s_at	1.7103	4.2831E-07
PCDHB16	232099_PM_at	1.37146	4.29017E-07
KCNJ10	228581_PM_at	-1.72161	4.29352E-07
PCDHA1 /// PCDHA10 /// PCDHA11 /// PCDHA12 /// PCDHA13 //	210674_PM_s_at	1.46426	4.29895E-07
MAT2A	200768_PM_s_at	-1.46167	4.30517E-07
WDR18	209461_PM_x_at	-1.35583	4.31449E-07
FCN3	205866_PM_at	-1.87882	4.32038E-07
DHRX	225503_PM_at	-1.27154	4.36025E-07
ORAI2	217529_PM_at	1.33665	4.39208E-07
FABP1	205892_PM_s_at	-2.22109	4.39853E-07
C6orf204	228007_PM_at	1.50474	4.4288E-07
RNF144B	228153_PM_at	1.44924	4.43675E-07
HNRNPH1	201031_PM_s_at	1.33972	4.45928E-07
SLC25A46	212833_PM_at	-1.23434	4.47102E-07

LGSN	220393_PM_at	-1.52393	4.48247E-07
PMPCA	212088_PM_at	-1.26001	4.49877E-07
HDAC6	206846_PM_s_at	-1.30514	4.49942E-07
C1QBP	208910_PM_s_at	-1.26453	4.50625E-07
ZNF486	1553901_PM_x_at	1.23428	4.50859E-07
PLSCR3	218828_PM_at	1.24672	4.51065E-07
ZNF205	206416_PM_at	-1.29682	4.52719E-07
HAS2	206432_PM_at	1.29549	4.56095E-07
ANKRD57	219496_PM_at	-1.44561	4.56311E-07
ZCCHC14	215427_PM_s_at	-1.27265	4.56407E-07
MYLK4	1556136_PM_at	-1.3612	4.60071E-07
SLC34A1	208177_PM_at	-2.13644	4.6009E-07
AKR7A3	206469_PM_x_at	-1.91782	4.62509E-07
CISD3	226727_PM_at	-1.37639	4.6417E-07
C18orf1	207996_PM_s_at	1.20332	4.64359E-07
FBXO31 /// LOC100288525	219785_PM_s_at	-1.33473	4.66078E-07
COL15A1	203477_PM_at	1.86235	4.67123E-07
PRKX /// PRKY	204060_PM_s_at	1.664	4.70569E-07
SLC16A6	207038_PM_at	1.36476	4.72015E-07
ORC6L	219105_PM_x_at	1.29561	4.72615E-07
PRSS3	213421_PM_x_at	-1.60335	4.72656E-07
CCDC106	207006_PM_s_at	-1.2455	4.73154E-07
NACC1	227651_PM_at	-1.26663	4.74974E-07
CLDN3	203953_PM_s_at	1.51223	4.77746E-07
ARHGEF6	209539_PM_at	1.49975	4.79533E-07
TNFRSF25	210847_PM_x_at	1.34192	4.8205E-07
MTMR4	212277_PM_at	-1.39001	4.82924E-07
HNF1A	210515_PM_at	-1.29352	4.84697E-07
ROBO1	213194_PM_at	1.53326	4.86495E-07
BLM	205733_PM_at	1.27672	4.88164E-07
SERPINC1	210049_PM_at	-1.44997	4.90209E-07
PGM2L1	229256_PM_at	1.36194	4.92212E-07
C18orf18	229829_PM_at	-1.52746	4.92421E-07
EPS15L1	221056_PM_x_at	-1.21068	4.93214E-07

RHBG	220510_PM_at	-1.55468	4.99533E-07
ATP5G1	208972_PM_s_at	-1.25542	5.02388E-07
FNBP1	212288_PM_at	1.39907	5.02742E-07
ACSS2	234312_PM_s_at	-1.37922	5.06353E-07
C10orf57	218174_PM_s_at	-1.34349	5.0885E-07
ERAP2	219759_PM_at	2.03867	5.11639E-07
PFKM	210976_PM_s_at	-1.33904	5.16734E-07
ZNF696	220967_PM_s_at	-1.25355	5.17336E-07
ADAMDEC1	206134_PM_at	2.39499	5.2234E-07
VIM	201426_PM_s_at	1.42155	5.22416E-07
OGFOD2	219245_PM_s_at	-1.31585	5.22424E-07
MEF2A	208328_PM_s_at	1.2848	5.22428E-07
PECAM1	208981_PM_at	1.61323	5.25444E-07
MSL3	207551_PM_s_at	1.2341	5.28407E-07
PPP2R2A	202313_PM_at	-1.20068	5.32524E-07
PARD6A	205245_PM_at	-1.35332	5.37402E-07
GUF1	218884_PM_s_at	-1.23292	5.38683E-07
ADCY4	230800_PM_at	1.37427	5.42181E-07
LOC100289098	239896_PM_at	-1.43015	5.43663E-07
FNDC3B	218618_PM_s_at	1.46113	5.43689E-07
CES3	234008_PM_s_at	-1.35661	5.45499E-07
CPEB4	224828_PM_at	-1.43989	5.49165E-07
RAB21	203885_PM_at	-1.27275	5.51143E-07
LYRM5	225469_PM_at	-1.23381	5.51994E-07
SPON1	209436_PM_at	1.727	5.53879E-07
HIST1H1C	209398_PM_at	-1.51331	5.55261E-07
NRK	227971_PM_at	-1.36261	5.58181E-07
MED11	226958_PM_s_at	-1.2517	5.58924E-07
FSCN1	201564_PM_s_at	1.30402	5.58961E-07
PEX19	201706_PM_s_at	-1.22044	5.60789E-07
C10orf47	229801_PM_at	1.49745	5.62444E-07
ZNF713	1560201_PM_at	1.25807	5.64423E-07
GCHFR	204867_PM_at	-1.61684	5.6513E-07
SUSD3	227182_PM_at	-1.26524	5.67319E-07

ISCA2	226007_PM_at	-1.20654	5.68065E-07
APLN	222856_PM_at	-1.31189	5.68098E-07
CXCL10	204533_PM_at	2.54847	5.71487E-07
DPF3	219746_PM_at	-1.54572	5.74631E-07
DNAJC6	204720_PM_s_at	-1.72042	5.77629E-07
ABCC10	213485_PM_s_at	1.29848	5.78634E-07
SAR1B	218254_PM_s_at	-1.69286	5.7912E-07
MOCS3	206141_PM_at	-1.21633	5.81917E-07
REEP4	218777_PM_at	1.33724	5.82035E-07
LOC727930	237117_PM_at	-1.36349	5.86813E-07
SPATS2	218324_PM_s_at	1.41161	5.87745E-07
CD6	213958_PM_at	1.32781	5.88086E-07
FREM1	228233_PM_at	-1.44766	5.92595E-07
DKK3	202196_PM_s_at	1.49058	6.0452E-07
PCBD2	223712_PM_at	-1.30681	6.07143E-07
MRRF	225126_PM_at	-1.2334	6.08863E-07
DLD	209095_PM_at	-1.33594	6.14419E-07
ZNF330	209814_PM_at	-1.34882	6.20624E-07
RDX	204969_PM_s_at	-1.53067	6.25826E-07
FIBIN	226769_PM_at	1.53265	6.28892E-07
FLJ35934	1557895_PM_at	1.2467	6.29974E-07
UCKL1	218533_PM_s_at	-1.21706	6.30732E-07
D2HGDH	228738_PM_at	-1.39106	6.36559E-07
PAFAH2	205232_PM_s_at	-1.34575	6.399E-07
PMP22	210139_PM_s_at	1.55293	6.40541E-07
BTG1	200920_PM_s_at	1.28242	6.49519E-07
BHLHB9	213709_PM_at	-1.30984	6.49619E-07
TSPAN7	202242_PM_at	-1.39402	6.49889E-07
GNG7	206896_PM_s_at	-1.30426	6.52163E-07
MRPL44	218202_PM_x_at	-1.39076	6.56207E-07
AZGP1	209309_PM_at	-2.28041	6.56713E-07
C2	203052_PM_at	1.40933	6.57236E-07
GCLC	202922_PM_at	-1.37068	6.57241E-07
S100A8	202917_PM_s_at	1.5372	6.57281E-07

ACOX1	207656_PM_s_at	-1.53046	6.57463E-07
GPR155	231166_PM_at	-1.5718	6.59166E-07
MRS2	218536_PM_at	-1.50342	6.63574E-07
GPX8	227628_PM_at	1.6762	6.64212E-07
IMPDH1	204169_PM_at	1.31268	6.68533E-07
IQGAP2	203474_PM_at	-1.50162	6.69678E-07
KLHDC7B	236285_PM_at	1.44577	6.73486E-07
FAIM3	221601_PM_s_at	1.62863	6.73573E-07
HDDC3	227008_PM_at	-1.28655	6.78039E-07
NR0B2	206410_PM_at	-1.41267	6.83746E-07
TAGLN2	200916_PM_at	1.40559	6.89558E-07
C21orf2	203993_PM_x_at	-1.22619	6.97118E-07
CFH	213800_PM_at	1.76335	7.07649E-07
FBP1	209696_PM_at	-1.90824	7.08139E-07
LRG1	228648_PM_at	1.44157	7.09615E-07
CD4	203547_PM_at	1.28664	7.10315E-07
MTMR9L	228593_PM_at	1.35201	7.10735E-07
ADH6	207544_PM_s_at	-2.06791	7.11513E-07
RASAL3	228677_PM_s_at	1.54307	7.16952E-07
FAM155A	214825_PM_at	1.23998	7.18625E-07
IFNGR2	201642_PM_at	1.21819	7.19894E-07
NIT1	202891_PM_at	-1.23294	7.22415E-07
AGMAT	219792_PM_at	-1.53018	7.25551E-07
TCEA2	203919_PM_at	-1.37752	7.26455E-07
VPS13C	218396_PM_at	1.60249	7.28161E-07
TTC1	201434_PM_at	-1.20357	7.28486E-07
RAB17	218931_PM_at	-1.6194	7.30117E-07
WNT8B	207612_PM_at	-1.25028	7.31412E-07
UGT3A1	236597_PM_at	-1.62512	7.32249E-07
WDSUB1	226668_PM_at	-1.37004	7.33894E-07
APOBEC3B	206632_PM_s_at	1.64054	7.51656E-07
CHRND	207024_PM_at	-1.20047	7.66619E-07
DENND1A	219763_PM_at	-1.26613	7.73359E-07
KLF7	204334_PM_at	1.28431	7.7559E-07

CCL21	204606_PM_at	1.89957	7.77756E-07
PNPLA4	209739_PM_s_at	-1.43952	7.78444E-07
POLR1E	218997_PM_at	1.22295	7.78962E-07
C7orf11	225419_PM_at	-1.22723	7.79316E-07
BNIP2	209308_PM_s_at	1.3378	7.84092E-07
ASAP1	221039_PM_s_at	1.40756	7.84118E-07
CLCNKA /// CLCNKB	207047_PM_s_at	-1.87166	7.84373E-07
CD1E	208592_PM_s_at	1.37911	7.86916E-07
MRPS26	225196_PM_s_at	-1.2047	7.97274E-07
PRKCH	206099_PM_at	1.34514	8.13201E-07
TNC	201645_PM_at	1.89265	8.13756E-07
P2RX5	210448_PM_s_at	1.75964	8.18694E-07
MRPL48	218281_PM_at	-1.20853	8.24012E-07
GPR144	216289_PM_at	-1.24478	8.24126E-07
TC2N	234970_PM_at	1.36683	8.29325E-07
HYAL2	206855_PM_s_at	1.35212	8.32198E-07
CLCNKB	205985_PM_x_at	-1.83435	8.34435E-07
PRKAA2	207709_PM_at	-1.33445	8.38642E-07
CDK5	204247_PM_s_at	-1.34213	8.41467E-07
CLEC2D	220132_PM_s_at	1.33675	8.51234E-07
NLRP3	207075_PM_at	1.2736	8.65847E-07
BAT4	225472_PM_at	-1.20574	8.72078E-07
TAF1D	218750_PM_at	1.2681	8.74092E-07
IL3RA	206148_PM_at	1.42131	8.80679E-07
NAGLU	204360_PM_s_at	-1.39298	8.81667E-07
NDUFAF4	219006_PM_at	-1.26623	8.91802E-07
LOC100288104 /// LOC100293818	239473_PM_x_at	-1.21044	9.04448E-07
HERC6	219352_PM_at	1.25136	9.04857E-07
MYCBP2	201959_PM_s_at	1.36279	9.05533E-07
AHCY	200903_PM_s_at	-1.57031	9.05968E-07
CALML4	221879_PM_at	-1.47316	9.05981E-07
CXCR6	206974_PM_at	1.24892	9.08667E-07
MYLK	202555_PM_s_at	1.2969	9.10086E-07
MIAT	227168_PM_at	1.31718	9.1354E-07

RTN4IP1	224509_PM_s_at	-1.39383	9.15315E-07
C3orf23	226688_PM_at	-1.43719	9.15619E-07
PTPN22	206060_PM_s_at	1.40249	9.22181E-07
BDH1	211715_PM_s_at	-1.23824	9.39426E-07
GRIA3	206730_PM_at	-1.2056	9.46019E-07
LOC100288911	236656_PM_s_at	-1.31191	9.51431E-07
ALDH6A1	204289_PM_at	-1.89364	9.58397E-07
ACADL	206068_PM_s_at	-1.58309	9.59449E-07
AQP1	207542_PM_s_at	-1.51084	9.59563E-07
PAK3	214607_PM_at	1.25667	9.65332E-07
FHOD1	218530_PM_at	1.39625	9.69522E-07
PCYT2	209577_PM_at	-1.51619	9.69687E-07
FAM92A1	228011_PM_at	-1.31059	9.71736E-07
ALDH1L1	205208_PM_at	-1.45361	9.71817E-07
MOCS1	211673_PM_s_at	-1.30824	9.78561E-07
ETS2	201328_PM_at	1.27076	9.81174E-07
THBD	203887_PM_s_at	1.54	9.88695E-07
SLIT2	209897_PM_s_at	-1.6155	9.90282E-07
TMEM120A	223482_PM_at	-1.47784	9.9764E-07
IER2	202081_PM_at	1.3165	9.98595E-07
FH	203032_PM_s_at	-1.81792	1.00246E-06
C11orf63	220141_PM_at	-1.23143	1.00461E-06
MICAL1	218376_PM_s_at	1.40617	1.00468E-06
FAM179A	236717_PM_at	1.28276	1.00522E-06
SLC1A4	209610_PM_s_at	1.41669	1.0054E-06
S100A3	206027_PM_at	1.27022	1.01742E-06
ADAMTS1	222162_PM_s_at	1.64834	1.0175E-06
ALLC	220365_PM_at	-1.49405	1.01855E-06
CACYBP	201381_PM_x_at	-1.2841	1.02361E-06
PEBP1	205353_PM_s_at	-1.28276	1.03771E-06
MLXIPL	221163_PM_s_at	-1.47303	1.04073E-06
PNP	201695_PM_s_at	-1.52856	1.04843E-06
TBKBP1	205424_PM_at	-1.21717	1.05053E-06
EPHX1	202017_PM_at	-1.54966	1.05056E-06

PIM2	204269_PM_at	1.51448	1.07451E-06
OGDH	201282_PM_at	-1.23984	1.07571E-06
INPP5J	213651_PM_at	-1.45173	1.08159E-06
CNPY3	217931_PM_at	1.30384	1.08534E-06
PLEKHG1	226122_PM_at	1.43868	1.0916E-06
CD160	207840_PM_at	1.40901	1.09489E-06
LOC729177	241670_PM_x_at	-1.35929	1.09536E-06
LPP	202821_PM_s_at	1.31999	1.12131E-06
FNBP4	212232_PM_at	1.40073	1.12528E-06
MED13L	212207_PM_at	1.36293	1.13476E-06
	6-Sep 212413_PM_at	1.34789	1.1349E-06
SLC38A6	214830_PM_at	-1.51239	1.13515E-06
AFMID	240318_PM_at	-1.34059	1.15086E-06
MNAT1	203565_PM_s_at	-1.27287	1.15731E-06
ACAD10	219986_PM_s_at	-1.27678	1.17111E-06
CASP8	207686_PM_s_at	1.22649	1.17513E-06
NAP1L1	204528_PM_s_at	1.27624	1.18147E-06
ARL11	1552691_PM_at	1.3184	1.21537E-06
KIF16B	219570_PM_at	-1.32959	1.22276E-06
BAG3	217911_PM_s_at	-1.32773	1.23154E-06
HSPA4L	205543_PM_at	-1.67233	1.23547E-06
SPRY1	212558_PM_at	1.34952	1.25687E-06
SMC5	212926_PM_at	1.26152	1.26393E-06
RBKS	219222_PM_at	-1.44003	1.27316E-06
MRPL28	204599_PM_s_at	-1.24845	1.2755E-06
STS	203767_PM_s_at	1.21674	1.27973E-06
UNC93A	214382_PM_at	-1.37992	1.27989E-06
LY6E	202145_PM_at	1.36323	1.28148E-06
ASS1	207076_PM_s_at	-1.75546	1.28185E-06
ADAM19	209765_PM_at	1.45089	1.28936E-06
SPTBN4	220185_PM_at	-1.21398	1.29143E-06
HELLS	220085_PM_at	1.30519	1.29352E-06
MCOLN3	220484_PM_at	-1.35987	1.29862E-06
LOC100288099	1556468_PM_at	-1.24692	1.29898E-06

NUDT4	206303_PM_s_at	-1.44694	1.30679E-06
TMEM53	219462_PM_at	-1.37874	1.30745E-06
ECHS1	201135_PM_at	-1.40319	1.30787E-06
FLAD1	205661_PM_s_at	-1.20343	1.3086E-06
PDK1	206686_PM_at	1.39157	1.30861E-06
DDHD1	225965_PM_at	1.27495	1.31115E-06
SCG5	203889_PM_at	1.50262	1.31168E-06
FBXO17 /// SARS2	220233_PM_at	-1.43601	1.31225E-06
DNAJC28	220372_PM_at	-1.36244	1.31869E-06
RTEL1 /// TNFRSF6B	206467_PM_x_at	1.37928	1.32753E-06
EXOSC7	212627_PM_s_at	-1.22622	1.34543E-06
CCRL1	220351_PM_at	1.60071	1.34621E-06
CAMK2N1	218309_PM_at	-1.55752	1.34901E-06
NEK8	1557170_PM_at	1.3122	1.34966E-06
CYP4F2 /// CYP4F3	206514_PM_s_at	-2.43024	1.35329E-06
NUDT13	214136_PM_at	-1.38755	1.35334E-06
ABHD14A	210006_PM_at	-1.47806	1.35364E-06
MPST	203524_PM_s_at	-1.34989	1.35708E-06
ABCC6P1	236205_PM_at	-1.83463	1.35844E-06
ASAH1	210980_PM_s_at	-1.33519	1.35854E-06
CCDC25	218125_PM_s_at	-1.20032	1.35892E-06
LMTK2	226375_PM_at	-1.26054	1.36792E-06
ARHGEF2	207629_PM_s_at	1.20142	1.37976E-06
APBA2	209870_PM_s_at	1.29452	1.38361E-06
ABCD3	202850_PM_at	-1.21863	1.38843E-06
C22orf32	225794_PM_s_at	-1.23221	1.39116E-06
BCL3	204907_PM_s_at	1.21941	1.40474E-06
UBASH3A	220418_PM_at	1.3615	1.40734E-06
CRLF1	206315_PM_at	1.31323	1.40883E-06
DOCK8	225502_PM_at	1.3454	1.41272E-06
NFKBID	230052_PM_s_at	1.26952	1.41313E-06
XBP1	200670_PM_at	1.22321	1.42103E-06
TMEM184A	235817_PM_at	-1.30385	1.42492E-06
NGEF	227240_PM_at	-1.43437	1.42561E-06

EXT1	201995_PM_at	1.21372	1.4272E-06
LOC100287428	235758_PM_at	-1.55169	1.44002E-06
CXorf65	231377_PM_at	1.29633	1.44165E-06
HAO2	220801_PM_s_at	-2.50112	1.44336E-06
CCL20	205476_PM_at	1.79629	1.44596E-06
C9orf41	228324_PM_at	-1.3114	1.45089E-06
CA2	209301_PM_at	-1.79102	1.45101E-06
HLA-DRB1 /// HLA-DRB3 /// HLA-DRB4 /// HLA-DRB5 /// LOC1001	215193_PM_x_at	1.70559	1.45123E-06
CRHBP	205984_PM_at	-2.32526	1.45164E-06
RALGDS	209050_PM_s_at	1.36225	1.45433E-06
COL16A1	204345_PM_at	1.57954	1.46496E-06
AP1AR	219023_PM_at	-1.35008	1.46534E-06
SCARB2	201646_PM_at	1.29129	1.46588E-06
ATP8B1	214594_PM_x_at	1.35354	1.47416E-06
LOC25845	225457_PM_s_at	-1.73641	1.47433E-06
TBC1D19	220260_PM_at	-1.404	1.47517E-06
TAGAP	229723_PM_at	1.24159	1.47912E-06
NEU4	222957_PM_at	-1.25308	1.48599E-06
EXOSC4	218695_PM_at	-1.28031	1.49091E-06
TEX2	218099_PM_at	-1.2392	1.49771E-06
ANKRD36	214723_PM_x_at	1.62799	1.49965E-06
ZNF562	219163_PM_at	1.20458	1.50072E-06
C2CD4B	229727_PM_x_at	-1.32193	1.50885E-06
BCAR3	204032_PM_at	-1.34239	1.51032E-06
DLAT	211150_PM_s_at	-1.42564	1.51595E-06
RGS2	202388_PM_at	1.5555	1.51599E-06
SLC2A6	220091_PM_at	1.41708	1.52178E-06
CHST13	239647_PM_at	-1.21421	1.52831E-06
GYPC	202947_PM_s_at	1.35465	1.52842E-06
EGR2	205249_PM_at	1.4316	1.52905E-06
SPATA4	231178_PM_at	-1.24659	1.53024E-06
FAM91A2 /// FLJ39739 /// LOC100132057 /// LOC100286793 ///	1568609_PM_s_at	1.32609	1.53272E-06
BHLHE41	221530_PM_s_at	1.29987	1.53275E-06
PPM1M	226074_PM_at	1.35981	1.536E-06

KTELC1	218587_PM_s_at	1.28567	1.53753E-06
NIPSNAP1	201708_PM_s_at	-1.48589	1.56231E-06
TMEM130	238426_PM_at	1.2721	1.56618E-06
GBA2	223921_PM_s_at	-1.30076	1.58392E-06
WDR25	219609_PM_at	-1.23767	1.58442E-06
PRPSAP2	203537_PM_at	-1.29556	1.5852E-06
CC2D2A	234936_PM_s_at	-1.35918	1.60008E-06
TBX21	220684_PM_at	1.24259	1.60772E-06
KIAA0748	219724_PM_s_at	1.22103	1.62223E-06
EHHADH	205222_PM_at	-1.6846	1.62239E-06
SRCRB4D	236529_PM_at	-1.34812	1.63895E-06
MIOX	224179_PM_s_at	-2.62393	1.65193E-06
STEAP1	205542_PM_at	-1.67083	1.65743E-06
ACP1	201629_PM_s_at	-1.27593	1.65772E-06
APOOL	213282_PM_at	-1.42543	1.66015E-06
ERG	211626_PM_x_at	1.27188	1.66689E-06
LSM3	202209_PM_at	-1.21083	1.67032E-06
SNHG8	225220_PM_at	-1.23972	1.67114E-06
TUBB	209026_PM_x_at	1.2407	1.68238E-06
MAPKSP1	217971_PM_at	-1.26843	1.69985E-06
FA2H	219429_PM_at	-1.28119	1.70726E-06
TXNDC17	224511_PM_s_at	-1.22519	1.71164E-06
GOLGA8A /// GOLGA8B	210424_PM_s_at	1.47227	1.73335E-06
DYNLT3	203303_PM_at	-1.20264	1.7417E-06
GADD45A	203725_PM_at	-1.32754	1.75125E-06
PBX3	204082_PM_at	1.31545	1.76018E-06
FAM49A	208092_PM_s_at	1.39482	1.76429E-06
MCM5	201755_PM_at	1.29913	1.77052E-06
ECHDC3	219298_PM_at	-1.69595	1.77398E-06
TAPBPL	218746_PM_at	1.30759	1.78114E-06
DNASE1	210165_PM_at	-1.21844	1.78686E-06
MYO1C	214656_PM_x_at	1.27336	1.79337E-06
CEND1	219591_PM_at	-1.25746	1.79626E-06
MS4A1	210356_PM_x_at	1.84498	1.80323E-06

SFRP5	207468_PM_s_at	-1.21485	1.80332E-06
CDK14	211502_PM_s_at	-1.21659	1.80447E-06
AKR1A1	201900_PM_s_at	-1.20878	1.80527E-06
PAIP2B	221868_PM_at	-1.47033	1.80691E-06
ARRB1	218832_PM_x_at	1.31201	1.81068E-06
OPLAH	222025_PM_s_at	-1.38406	1.8231E-06
FAAH	204231_PM_s_at	-1.43075	1.83723E-06
DHRS3	202481_PM_at	-1.25109	1.83975E-06
TNFRSF10A	231775_PM_at	1.29849	1.84694E-06
C15orf37	1556588_PM_at	-1.44138	1.85136E-06
GGA2	208913_PM_at	-1.25895	1.8578E-06
NUDT12	223535_PM_at	-1.22355	1.85956E-06
SLC25A42	226737_PM_at	-1.36997	1.86906E-06
PIAS3	203035_PM_s_at	1.32398	1.88972E-06
MUC5AC	217182_PM_at	-1.21361	1.8974E-06
KL	205978_PM_at	-1.80988	1.90059E-06
SERPINB1	212268_PM_at	1.25375	1.91368E-06
PRNP	201300_PM_s_at	-2.40354	1.91416E-06
LXN	218729_PM_at	1.46127	1.92106E-06
CAPN3	210944_PM_s_at	-2.02479	1.92636E-06
FLJ38576	229959_PM_at	-1.20699	1.92692E-06
NBPF10	212854_PM_x_at	1.36155	1.93357E-06
CYTH2	209158_PM_s_at	1.40501	1.94823E-06
UROS	203031_PM_s_at	-1.30616	1.94837E-06
MAP7D2	228262_PM_at	-1.73636	1.95554E-06
TYRO3	211431_PM_s_at	-1.22538	1.95933E-06
DEPDC7	228293_PM_at	-1.80754	1.96975E-06
TMEM149	219690_PM_at	1.4637	1.9719E-06
RORA	210426_PM_x_at	-1.38662	1.97496E-06
SLC22A7	220554_PM_at	-1.95486	1.97533E-06
SLC5A10	239707_PM_at	-2.1136	1.98561E-06
RASL10B	235488_PM_at	-1.25206	1.98607E-06
GNB5	204000_PM_at	-1.63103	1.98657E-06
MRPL16	217980_PM_s_at	-1.24034	1.99547E-06

EVX1	207914_PM_x_at	-1.27043	1.99674E-06
CAMK2G	212669_PM_at	-1.36505	2.00981E-06
TMEM116	227172_PM_at	-1.39592	2.01374E-06
RAB7L1	218699_PM_at	-1.59674	2.02896E-06
APOO	221620_PM_s_at	-1.43564	2.04532E-06
MRPS7	217932_PM_at	-1.33807	2.0454E-06
SHMT2	214095_PM_at	-1.33589	2.0501E-06
TMC8	227353_PM_at	1.34333	2.05248E-06
IMMP2L	227153_PM_at	-1.31718	2.05751E-06
SMPD1	209420_PM_s_at	-1.29905	2.06773E-06
ENC1	201340_PM_s_at	1.36222	2.06781E-06
PPRC1	203737_PM_s_at	1.24675	2.0681E-06
PRELP	204223_PM_at	1.55227	2.08695E-06
LRRN4	1553169_PM_at	1.37655	2.08982E-06
GPC3	209220_PM_at	-1.56105	2.0961E-06
POM121L8P /// POM121L9P	232736_PM_s_at	1.20465	2.09796E-06
LRCH4 /// SAP25	222017_PM_x_at	1.26989	2.10871E-06
NECAB3	210720_PM_s_at	-1.21351	2.11415E-06
ACADS	202366_PM_at	-1.34179	2.13215E-06
ACAP1	205212_PM_s_at	1.30626	2.13218E-06
CNRIP1	226751_PM_at	1.49187	2.13344E-06
CYB5D1	226833_PM_at	-1.24132	2.13981E-06
BMP2	205289_PM_at	1.3142	2.14484E-06
XYLT1	213725_PM_x_at	1.25109	2.15363E-06
FAM20A	226804_PM_at	1.49493	2.16457E-06
SYPL1	201259_PM_s_at	-1.30064	2.16502E-06
GLUD2	210447_PM_at	-1.51586	2.23853E-06
ENPP7	238245_PM_at	-1.39911	2.24421E-06
USP51	229278_PM_at	-1.27707	2.25989E-06
LOC100287322	210332_PM_at	-1.20422	2.27077E-06
ZHX3	212545_PM_s_at	-1.21234	2.27949E-06
CTNS	204925_PM_at	-1.28677	2.289E-06
ACY1	202740_PM_at	-1.42386	2.28942E-06
ATP5C1	205711_PM_x_at	-1.20124	2.29441E-06

C19orf69	231632_PM_at	-2.22591	2.31049E-06
SEC24D	202375_PM_at	1.36477	2.32978E-06
CXCL13	205242_PM_at	2.44352	2.33288E-06
PNMT	206793_PM_at	-1.25419	2.34259E-06
NAMPT	217738_PM_at	1.47283	2.34417E-06
CIRH1A	224903_PM_at	-1.35631	2.34905E-06
TMEM123	211967_PM_at	1.29974	2.36177E-06
DRG2	203267_PM_s_at	-1.20401	2.36433E-06
ANXA5	200782_PM_at	1.24262	2.36737E-06
MAEL	229475_PM_at	-1.33655	2.3712E-06
KLHL21	203068_PM_at	-1.29459	2.37255E-06
AMDHD2	219082_PM_at	-1.31239	2.38086E-06
S100A16	227998_PM_at	1.25137	2.38124E-06
GNLY	205495_PM_s_at	1.86193	2.38508E-06
LCLAT1	226996_PM_at	-1.25806	2.39264E-06
IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4	211638_PM_at	1.34015	2.40671E-06
GPHN	220773_PM_s_at	-1.79822	2.41312E-06
ACOT9	221641_PM_s_at	1.26462	2.41623E-06
CASR	210577_PM_at	-1.35024	2.42705E-06
C5orf33	226946_PM_at	-1.47284	2.42751E-06
KIAA1659	215750_PM_at	1.42467	2.43656E-06
RNF186	219739_PM_at	-2.00133	2.45307E-06
AP1S2	203299_PM_s_at	1.33483	2.45343E-06
SCNN1B	205464_PM_at	-1.4275	2.45346E-06
P2RY10	214615_PM_at	1.26918	2.45746E-06
SLC22A6	210343_PM_s_at	-2.2947	2.46005E-06
PTEN	204053_PM_x_at	1.27782	2.47014E-06
ZC3H7B	205877_PM_s_at	-1.27006	2.47679E-06
CSK	202329_PM_at	1.38839	2.48111E-06
DICER1	206061_PM_s_at	1.47289	2.4903E-06
GIMAP6	219777_PM_at	1.42909	2.49854E-06
RNF166	227726_PM_at	1.3505	2.50751E-06
RARRES3	204070_PM_at	1.41254	2.51232E-06
SLC22A1	207201_PM_s_at	-1.27586	2.51318E-06

ATP6V0E2	213587_PM_s_at	-1.57889	2.51478E-06
C5orf20	239529_PM_at	1.29804	2.52515E-06
FECH	203115_PM_at	-1.49187	2.52537E-06
FAM78A	227002_PM_at	1.40237	2.52859E-06
DUS4L	205761_PM_s_at	-1.20856	2.53051E-06
CDK18	214797_PM_s_at	-1.26653	2.53937E-06
SMCHD1	212569_PM_at	1.36583	2.54001E-06
UNC13B	202893_PM_at	-1.27826	2.54278E-06
TGFBR3	204731_PM_at	-1.24515	2.5519E-06
KCNJ2	206765_PM_at	1.61608	2.55757E-06
CFP	206380_PM_s_at	1.35651	2.55817E-06
APOC1	204416_PM_x_at	1.85423	2.59752E-06
HDCC2	203259_PM_s_at	-1.25196	2.61931E-06
SLC22A8	221298_PM_s_at	-2.60903	2.62816E-06
LOC728153	233204_PM_at	1.34619	2.63681E-06
KITLG	226534_PM_at	1.32232	2.63774E-06
NINL	207705_PM_s_at	-1.41843	2.64724E-06
TDO2	205943_PM_at	1.88978	2.65612E-06
DNMT1	201697_PM_s_at	1.33453	2.65644E-06
C2CD4C	230819_PM_at	-1.21882	2.65644E-06
TMED4	224676_PM_at	-1.33422	2.65714E-06
TIMM10	218408_PM_at	-1.22744	2.66067E-06
REEP6	226597_PM_at	-1.82138	2.6794E-06
FAM200B	227270_PM_at	-1.2415	2.68529E-06
GGH	203560_PM_at	-1.66802	2.71718E-06
LRRFIP1	201861_PM_s_at	1.45039	2.73514E-06
LOC389332	237450_PM_at	-1.75062	2.73594E-06
OVOL1	206604_PM_at	-1.23998	2.74441E-06
ELK4	206919_PM_at	1.56373	2.75723E-06
PEA15	200787_PM_s_at	1.31214	2.76391E-06
DPEP1	205983_PM_at	-2.16725	2.7692E-06
PNOC	205901_PM_at	1.59746	2.79837E-06
SOD2	215078_PM_at	1.45039	2.8037E-06
C9orf23	225403_PM_at	-1.20256	2.81422E-06

LIAS	214045_PM_at	-1.57398	2.83917E-06
TCF19	223274_PM_at	1.26348	2.84897E-06
TSSC1	217968_PM_at	-1.26442	2.85483E-06
DHTKD1	209916_PM_at	-1.49596	2.86165E-06
NCALD	211685_PM_s_at	-1.22947	2.87875E-06
ADAP2	219358_PM_s_at	1.2954	2.88368E-06
PCSK5	205559_PM_s_at	1.50731	2.89488E-06
GABRE	204537_PM_s_at	1.41868	2.89988E-06
C10orf32	225334_PM_at	-1.31145	2.90262E-06
MANSC1	220945_PM_x_at	1.34555	2.91404E-06
CBLN3	235221_PM_at	1.32318	2.93571E-06
SLC25A39	223649_PM_s_at	-1.45173	2.94367E-06
MAP4K4	206571_PM_s_at	1.33821	2.98632E-06
APOM	205682_PM_x_at	-2.34798	2.98667E-06
CST6	206595_PM_at	1.61681	2.9939E-06
GALNT10	207357_PM_s_at	1.26599	3.01021E-06
MTX2	203517_PM_at	-1.23739	3.02187E-06
CLCN6	203950_PM_s_at	-1.21756	3.03047E-06
PPP1R13L	218849_PM_s_at	1.30391	3.03138E-06
DENND4B	202860_PM_at	1.34538	3.04693E-06
CA10	220889_PM_s_at	-1.38961	3.04724E-06
GPR116	212950_PM_at	-1.47695	3.05288E-06
PTPRN2	203029_PM_s_at	1.3524	3.05344E-06
BACH2	221234_PM_s_at	1.30023	3.07542E-06
C1orf186	230381_PM_at	1.73945	3.0757E-06
LOC100130933	236098_PM_at	-1.52021	3.07943E-06
ATP2C2	206043_PM_s_at	-1.26279	3.11192E-06
RPL37A	213459_PM_at	1.37169	3.11305E-06
OBFC2A	219334_PM_s_at	1.44262	3.1252E-06
C6orf123	207698_PM_at	-1.23859	3.12634E-06
CHN1	212624_PM_s_at	1.46888	3.12815E-06
FAM30A /// KIAA0125	220377_PM_at	1.42685	3.14609E-06
ALG14	1553954_PM_at	-1.30506	3.15065E-06
PSTPIP1	211178_PM_s_at	1.40959	3.15135E-06

HHEX	204689_PM_at	1.36905	3.1606E-06
HYAL1	210619_PM_s_at	-1.53214	3.16226E-06
OR2H1	1556986_PM_at	-1.22344	3.18217E-06
RAB33B	221014_PM_s_at	1.2314	3.22197E-06
RNF40	206845_PM_s_at	-1.25625	3.22317E-06
GOLT1A	229372_PM_at	-1.42668	3.23165E-06
PHF16	204866_PM_at	1.20146	3.24066E-06
SERPINE1	202627_PM_s_at	1.66862	3.24076E-06
GLRX	206662_PM_at	-1.28513	3.24113E-06
TMSB15B	214051_PM_at	1.38713	3.24126E-06
SENP8	228398_PM_at	-1.25867	3.27516E-06
CDHR2	220186_PM_s_at	-1.64063	3.28684E-06
SPAG1	210117_PM_at	1.31749	3.28772E-06
FBXO28	202271_PM_at	-1.2908	3.28902E-06
TTLL7	219882_PM_at	1.29061	3.28964E-06
FGD2	215602_PM_at	1.24053	3.28988E-06
KLHL28	220374_PM_at	1.21468	3.29013E-06
ARSB	206129_PM_s_at	-1.31747	3.29037E-06
UQCRC2	200883_PM_at	-1.42201	3.29215E-06
GNA13	224761_PM_at	1.2465	3.31865E-06
FAT3	236029_PM_at	1.46248	3.31933E-06
AP1M2	218261_PM_at	-1.66074	3.33302E-06
NIT2	218557_PM_at	-1.31217	3.34751E-06
CLPTM1	211136_PM_s_at	-1.60685	3.39147E-06
CPPED1	218610_PM_s_at	-1.26131	3.39368E-06
NPY6R	210444_PM_at	-1.42953	3.3944E-06
PTX3	206157_PM_at	1.65001	3.40594E-06
PACSIN3	218744_PM_s_at	-1.22455	3.40608E-06
GPRC5A	203108_PM_at	1.57301	3.41621E-06
ST6GAL1	201998_PM_at	1.23857	3.41814E-06
NPL	221210_PM_s_at	-1.74866	3.43371E-06
SGCB	205120_PM_s_at	-1.30794	3.46676E-06
AGBL5	218480_PM_at	-1.41209	3.48501E-06
PXMP4	219428_PM_s_at	-1.23526	3.49091E-06

CCR7	206337_PM_at	1.66551	3.49178E-06
METTL7B	227055_PM_at	-1.9473	3.49204E-06
ANKRD39	223532_PM_at	-1.26473	3.49764E-06
NOTCH2NL	214722_PM_at	1.31361	3.49987E-06
TDG	203742_PM_s_at	1.25436	3.50926E-06
KIAA1245 /// LOC100288142 /// LOC200030 /// NBPF1 /// NBPF1	213612_PM_x_at	1.37463	3.50946E-06
APOE	203381_PM_s_at	-1.68455	3.51E-06
NMT2	205005_PM_s_at	1.26061	3.52715E-06
BID	204493_PM_at	1.3597	3.52937E-06
FREM2	230964_PM_at	-1.66428	3.53476E-06
IFIT5	203595_PM_s_at	1.24413	3.5403E-06
FBXO3	218432_PM_at	-1.2864	3.5427E-06
APOLD1	221031_PM_s_at	1.42496	3.55929E-06
ADAM28	205997_PM_at	1.3662	3.56015E-06
MARVELD3	233634_PM_at	-1.39036	3.56626E-06
DDX60	218986_PM_s_at	1.40707	3.59302E-06
NALCN	228608_PM_at	1.2771	3.59949E-06
ANKRD9	230972_PM_at	-1.21431	3.62074E-06
SMO	218629_PM_at	-1.26551	3.63081E-06
SAP18	208740_PM_at	-1.20254	3.65169E-06
PNMA2	209597_PM_s_at	1.29321	3.66187E-06
IL17RC	221926_PM_s_at	-1.31838	3.67974E-06
SLC6A11	207048_PM_at	-1.20644	3.70247E-06
SENP2	218122_PM_s_at	-1.27334	3.71633E-06
TXN2	209077_PM_at	-1.26989	3.72194E-06
RBMS1	203748_PM_x_at	1.26904	3.74217E-06
C16orf5	218183_PM_at	-1.26391	3.74556E-06
HAO1	220224_PM_at	-1.38134	3.75301E-06
TPSAB1 /// TPSB2	207134_PM_x_at	1.38802	3.76105E-06
ACO1	207071_PM_s_at	-1.44507	3.76614E-06
SLC7A9	220135_PM_s_at	-2.33162	3.7714E-06
AP1M1	223024_PM_at	-1.33927	3.80118E-06
LOC80054	220465_PM_at	-1.2878	3.8062E-06
HOXA1	214639_PM_s_at	1.28161	3.80708E-06

LOC100132247 /// NPIPL3	211996_PM_s_at	1.37325	3.81645E-06
TRIM67	233357_PM_at	-1.20229	3.82371E-06
NT5E	203939_PM_at	-1.48584	3.82526E-06
LAMC1	200770_PM_s_at	1.27183	3.83466E-06
ACSF2	218844_PM_at	-1.74139	3.83882E-06
NCKAP5	239650_PM_at	-1.30756	3.86214E-06
FLJ22763	233604_PM_at	-2.0404	3.86235E-06
GSTO1	201470_PM_at	-1.20021	3.86395E-06
PTGES	207388_PM_s_at	1.24214	3.87104E-06
SLC6A13	207184_PM_at	-1.79229	3.91312E-06
MPPED2	205413_PM_at	-1.489	3.91586E-06
ATP6V1D	208898_PM_at	-1.45364	3.91631E-06
TOM1L1	204485_PM_s_at	-1.31415	3.95628E-06
PLEKHJ1	218290_PM_at	-1.25618	3.96664E-06
RB1	203132_PM_at	1.26472	3.99172E-06
YPEL2	227020_PM_at	1.33377	4.00459E-06
DOK2	214054_PM_at	1.39187	4.03001E-06
NAT8L	228880_PM_at	-1.36129	4.03095E-06
TST	209605_PM_at	-1.53296	4.0328E-06
CSDC2	209981_PM_at	-1.63872	4.04639E-06
EFHC2	220591_PM_s_at	1.41048	4.05215E-06
ADD3	201034_PM_at	-1.26267	4.08032E-06
SLIT3	203812_PM_at	1.54674	4.08219E-06
SNX5	217792_PM_at	-1.38653	4.10404E-06
IFNG	210354_PM_at	1.25344	4.1089E-06
DDX58	218943_PM_s_at	1.3825	4.10926E-06
LOC145820	1558881_PM_at	1.68352	4.11106E-06
MRPS36	224302_PM_s_at	-1.22218	4.11172E-06
ADAM17	205745_PM_x_at	1.2103	4.13461E-06
CTNNBIP1	203081_PM_at	-1.22953	4.16325E-06
ACSL1	201963_PM_at	-1.51446	4.17225E-06
DNAJC22	220441_PM_at	-1.37559	4.17484E-06
TRPT1	223436_PM_s_at	-1.26688	4.17654E-06
FLJ37644 /// LOC727973	230419_PM_at	-1.59293	4.1767E-06

SLC13A2	207567_PM_at	-1.76604	4.19521E-06
C8orf84	214725_PM_at	1.56489	4.19877E-06
ARMC5	227738_PM_s_at	-1.30886	4.2577E-06
C6orf211	218195_PM_at	-1.38189	4.26449E-06
GPR34	223620_PM_at	1.86503	4.27996E-06
TMEM163	223503_PM_at	1.42045	4.29015E-06
ACVRL1	210838_PM_s_at	1.2809	4.29288E-06
CBWD1 /// CBWD2 /// CBWD3 /// CBWD5 /// CBWD6	226193_PM_x_at	-1.33617	4.304E-06
PDHB	208911_PM_s_at	-1.34336	4.30446E-06
LPAR1	204036_PM_at	1.4895	4.30464E-06
MYO1D	212338_PM_at	1.35004	4.30785E-06
KIAA1211	227230_PM_s_at	1.23224	4.3143E-06
SACS	213262_PM_at	1.63894	4.32639E-06
MAOA	204388_PM_s_at	-1.74767	4.38672E-06
NSUN5	203802_PM_x_at	1.21352	4.38731E-06
OCEL1	205441_PM_at	-1.2875	4.41325E-06
EEF1D	203113_PM_s_at	1.27503	4.42978E-06
LOC643733	240890_PM_at	1.55544	4.43061E-06
PRDX3	201619_PM_at	-1.26139	4.48614E-06
TUBB2A /// TUBB2B	209372_PM_x_at	-1.39837	4.48757E-06
FGL2	204834_PM_at	1.33448	4.48853E-06
CHCHD8	220647_PM_s_at	-1.2021	4.57935E-06
TP53TG5	207482_PM_at	-1.20902	4.60518E-06
BCL2L15	236083_PM_at	1.20623	4.61034E-06
INSR	207851_PM_s_at	-1.556	4.70497E-06
PTGS2	204748_PM_at	1.23451	4.71243E-06
ENPP2	209392_PM_at	-1.31186	4.74879E-06
COL18A1	209081_PM_s_at	1.28209	4.76638E-06
LOXL1	203570_PM_at	1.49169	4.78324E-06
C19orf42	219097_PM_x_at	-1.21937	4.78741E-06
ZNF532	220617_PM_s_at	1.28661	4.79843E-06
NYX	221684_PM_s_at	-1.2135	4.81322E-06
CCDC113	222890_PM_at	1.36067	4.81946E-06
ENAM	223893_PM_at	-1.35818	4.82111E-06

CLCN4	205148_PM_s_at	-1.28731	4.83927E-06
NLRP1	210113_PM_s_at	1.21881	4.86941E-06
TSN	201504_PM_s_at	-1.26685	4.87743E-06
LPGAT1	202651_PM_at	1.2715	4.88375E-06
RMND5A	212478_PM_at	-1.22248	4.89486E-06
APOBEC3F /// APOBEC3G	214995_PM_s_at	1.4659	4.94992E-06
C18orf32	224957_PM_at	-1.24667	5.01978E-06
STARD10	223103_PM_at	-1.43437	5.04191E-06
LOH12CR2	236311_PM_at	-1.28399	5.06559E-06
TP53	201746_PM_at	1.23751	5.08152E-06
OXT	207576_PM_x_at	-1.41615	5.10939E-06
HADHA	208629_PM_s_at	-1.22751	5.12175E-06
UBA5	218289_PM_s_at	-1.31464	5.13201E-06
CECR5	218592_PM_s_at	-1.20596	5.14468E-06
SNHG12	223773_PM_s_at	1.35376	5.15709E-06
DOCK6	221794_PM_at	1.28093	5.16646E-06
HLA-DQB1 /// HLA-DQB2 /// LOC100294318	212999_PM_x_at	1.95131	5.17837E-06
SPTLC1	202277_PM_at	-1.56929	5.18235E-06
NCRNA00113	231491_PM_at	-1.31778	5.2116E-06
STARD8	206868_PM_at	-1.24472	5.21283E-06
RNASE1	201785_PM_at	1.34443	5.2211E-06
HGC6.3	211111_PM_at	-1.30788	5.22287E-06
C11orf85	231210_PM_at	-1.20243	5.27521E-06
THNSL1	219800_PM_s_at	-1.25994	5.31197E-06
LOC642891	243432_PM_at	-1.56074	5.31769E-06
IPP	219843_PM_at	-1.36804	5.33782E-06
PGRMC1	201120_PM_s_at	-1.59881	5.34602E-06
SLC28A1	207560_PM_at	-1.5559	5.36171E-06
CAT	201432_PM_at	-1.7266	5.36248E-06
ERCC8	205162_PM_at	-1.24914	5.36562E-06
NAT1	214440_PM_at	-1.33702	5.36615E-06
C12orf49	218867_PM_s_at	-1.28673	5.40377E-06
FCGR2C	210992_PM_x_at	1.65899	5.41418E-06
NDUFV3	226209_PM_at	-1.20324	5.42483E-06

MGP	202291_PM_s_at	1.46735	5.45128E-06
TLR1	210176_PM_at	1.40057	5.4874E-06
RAB13	202252_PM_at	1.20628	5.5279E-06
ST3GAL1	208322_PM_s_at	-1.54865	5.5311E-06
C10orf54	225372_PM_at	1.30404	5.57138E-06
RBMS3	206767_PM_at	1.37184	5.61115E-06
UGT1A8 /// UGT1A9	221305_PM_s_at	-2.95751	5.66105E-06
CYP27A1	203979_PM_at	-1.38814	5.66186E-06
SH2D6	242543_PM_at	-1.21859	5.6634E-06
ZDHHC13	219296_PM_at	1.20251	5.71579E-06
LOC100286999	236874_PM_at	-1.26461	5.76366E-06
LOC645722	228978_PM_at	-1.32732	5.86364E-06
WNT7B	238105_PM_x_at	-1.33935	5.91283E-06
C1orf25	220992_PM_s_at	-1.24869	5.92075E-06
H2BFXP	230664_PM_at	1.23766	5.93956E-06
ETNK2	219268_PM_at	-1.68379	5.98589E-06
ITGA5	201389_PM_at	1.33459	5.99182E-06
FGF2	204421_PM_s_at	1.20226	6.00276E-06
PAPPA2	211918_PM_x_at	1.28053	6.01652E-06
PALM	203859_PM_s_at	-1.43358	6.03452E-06
ARHGDIB	201288_PM_at	1.70105	6.03639E-06
PPT2	209490_PM_s_at	-1.24401	6.07424E-06
LETMD1	207170_PM_s_at	-1.24527	6.08651E-06
ACE	209749_PM_s_at	-1.36554	6.10794E-06
ACVR1B	205209_PM_at	-1.20939	6.1419E-06
HSDL2	209512_PM_at	-1.3099	6.1494E-06
FOXI1	208006_PM_at	-1.43301	6.15308E-06
SLC28A2	207249_PM_s_at	-1.64681	6.16021E-06
SPAG5	203145_PM_at	-1.65393	6.16204E-06
UBE2J2	224347_PM_x_at	-1.3141	6.16945E-06
LOC255512	1555865_PM_at	-1.31719	6.19396E-06
CAPSL	236085_PM_at	1.34475	6.20039E-06
SLC1A1	206396_PM_at	-1.47228	6.22205E-06
MYOM2	205826_PM_at	-1.53078	6.22226E-06

ZNF813	217665_PM_at	1.25437	6.26077E-06
TGFB111	209651_PM_at	1.34519	6.28346E-06
ACACB	214584_PM_x_at	-1.23472	6.28422E-06
RAB3A	204974_PM_at	-1.23273	6.31212E-06
DHRS11	218756_PM_s_at	-1.45244	6.31321E-06
TMEM206	218814_PM_s_at	-1.21337	6.33239E-06
C1orf74	229933_PM_at	-1.23841	6.34516E-06
KIAA1267	225117_PM_at	1.2458	6.38581E-06
DBNDD2 /// SYS1 /// SYS1-DBNDD2	218094_PM_s_at	1.36087	6.41584E-06
GRIN2A	231384_PM_at	1.406	6.41763E-06
SLC25A16	210686_PM_x_at	-1.26436	6.45442E-06
CDRT15L2	240889_PM_at	-1.24586	6.45807E-06
ACSM3	205942_PM_s_at	-1.90597	6.47847E-06
PTPN20A /// PTPN20B	215172_PM_at	-1.47069	6.4797E-06
BTLA	236226_PM_at	1.37248	6.50914E-06
FAM82B	218549_PM_s_at	-1.21124	6.51708E-06
OPCML	206215_PM_at	-1.22699	6.52767E-06
RGL2	209110_PM_s_at	1.27492	6.52834E-06
HNF4G	232271_PM_at	-1.73925	6.52907E-06
INO80B	221251_PM_x_at	-1.24419	6.54053E-06
MRPS28	219819_PM_s_at	-1.31024	6.5595E-06
SLC7A7	204588_PM_s_at	-1.77809	6.57858E-06
CNR1	213436_PM_at	1.26106	6.61596E-06
MYH8	206717_PM_at	-2.143	6.62441E-06
ELTD1	219134_PM_at	1.48393	6.63644E-06
CD302	203799_PM_at	1.45727	6.64641E-06
TXNRD2	211177_PM_s_at	-1.41274	6.66864E-06
CCNG1	208796_PM_s_at	-1.20665	6.67348E-06
GLOD5	231052_PM_at	-1.35262	6.67701E-06
PKP2	207717_PM_s_at	-1.44733	6.69304E-06
MTHFR	206800_PM_at	-1.20083	6.74487E-06
MPDU1	209208_PM_at	-1.29895	6.78958E-06
MPZL3	227747_PM_at	1.22774	6.79332E-06
PLEKHN1	224125_PM_at	-1.33037	6.79891E-06

FLT3LG	206980_PM_s_at	1.2192	6.84582E-06
DDAH1	209094_PM_at	-1.69562	6.84678E-06
LHX1	206230_PM_at	-1.28097	6.85236E-06
GCGR	210565_PM_at	-1.22236	6.86845E-06
DTNBP1	223445_PM_at	-1.28596	6.87928E-06
C5orf23	219054_PM_at	-1.72724	6.93638E-06
PRDM15	230777_PM_s_at	1.23687	6.95516E-06
ASPDH	230912_PM_at	-1.30734	7.13856E-06
LTB	207339_PM_s_at	1.30539	7.14037E-06
GBP4	235175_PM_at	1.3749	7.14922E-06
PLVAP	221529_PM_s_at	1.45433	7.1626E-06
DOLK	204488_PM_at	-1.20762	7.16637E-06
DUSP10	215501_PM_s_at	1.32885	7.16731E-06
CHN2	207486_PM_x_at	-1.20527	7.17964E-06
COQ4	218328_PM_at	-1.24397	7.20447E-06
GSTM3	202554_PM_s_at	-1.46114	7.25187E-06
AKR1C3	209160_PM_at	-1.37884	7.27639E-06
SLFN12	219885_PM_at	1.25646	7.28616E-06
TRAM2	202368_PM_s_at	1.3586	7.31923E-06
UBE2M	203109_PM_at	-1.41326	7.41612E-06
ANKRD16	229058_PM_at	-1.22694	7.44865E-06
AK3L1	204347_PM_at	-1.81238	7.50607E-06
HSPA14	219212_PM_at	1.23549	7.51849E-06
GEMIN6	219539_PM_at	-1.26552	7.52646E-06
MAGED4 /// MAGED4B	221261_PM_x_at	1.32621	7.52867E-06
CCDC37	242615_PM_at	-1.20857	7.53506E-06
LPAR2	206722_PM_s_at	1.20318	7.54004E-06
PACRG	214204_PM_at	-1.46136	7.54032E-06
NSUN5P1	213670_PM_x_at	1.28828	7.54652E-06
ITGA3	201474_PM_s_at	1.35867	7.55809E-06
C11orf54	223268_PM_at	-1.55082	7.58269E-06
LOC100287098	240617_PM_at	-1.2876	7.58644E-06
GRAMD1C	219313_PM_at	-1.52688	7.60763E-06
GATAD2B	225393_PM_at	1.20411	7.61698E-06

XPNPEP2	206484_PM_s_at	-2.22948	7.61974E-06
HN1L	212109_PM_at	1.25524	7.63472E-06
SNORA28	241843_PM_at	1.2899	7.72057E-06
PCDHB15	231789_PM_at	1.25106	7.72914E-06
ZNF652	205594_PM_at	1.37126	7.74997E-06
MANF	202655_PM_at	1.2336	7.81662E-06
DUS1L	217912_PM_at	-1.2052	7.82186E-06
HSD17B10	202282_PM_at	-1.24697	7.83821E-06
ZNF600	242463_PM_x_at	1.33588	7.86601E-06
FBXO25	225591_PM_at	-1.20328	7.86867E-06
INMT	224061_PM_at	1.37595	7.87354E-06
NEO1	204321_PM_at	-1.2284	7.90745E-06
CCDC159	227043_PM_at	-1.26723	7.97064E-06
ITGAV	202351_PM_at	1.27335	7.98137E-06
CDCA7L	225081_PM_s_at	1.4679	8.00642E-06
FADS1	208962_PM_s_at	1.29249	8.02347E-06
GFM1	225153_PM_at	-1.55165	8.03867E-06
LOC100127972	217655_PM_at	1.20966	8.04575E-06
PLA2G12A	221027_PM_s_at	-1.21534	8.16031E-06
LOC200030 /// NBPF11	227926_PM_s_at	1.4678	8.16462E-06
SEMA6C	208100_PM_x_at	-1.23265	8.18644E-06
ADM2	220538_PM_at	-1.22537	8.19688E-06
IER3IP1	211406_PM_at	-1.2136	8.23168E-06
MGAM	206522_PM_at	-1.91465	8.26245E-06
ICMT	201609_PM_x_at	-1.23334	8.30129E-06
EGR3	206115_PM_at	1.40835	8.30804E-06
OSGIN1	219475_PM_at	-1.31215	8.32977E-06
CPT2	204263_PM_s_at	-1.35988	8.43591E-06
C1orf170	224501_PM_at	-1.25605	8.49421E-06
UHRF1	225655_PM_at	1.37791	8.50357E-06
GNG11	204115_PM_at	1.2847	8.50454E-06
LOC730101	213248_PM_at	-1.32112	8.55548E-06
RANBP2 /// RGPD1 /// RGPD2 /// RGPD3 /// RGPD4 /// RGPD5 //	242712_PM_x_at	1.40834	8.55657E-06
CD274	223834_PM_at	1.21916	8.58148E-06

ATHL1	219359_PM_at	1.49923	8.58954E-06
PELI1	218319_PM_at	1.42062	8.59322E-06
PTGS1	205128_PM_x_at	1.60476	8.63086E-06
HSPA9	200690_PM_at	-1.43656	8.66257E-06
LONP1	209017_PM_s_at	-1.30307	8.66553E-06
MRAS	206538_PM_at	1.21128	8.70137E-06
CRY2	212695_PM_at	-1.27289	8.72397E-06
AIFM1	205512_PM_s_at	-1.58495	8.73644E-06
RDH11	217775_PM_s_at	-1.23885	8.74524E-06
FAM129A	217966_PM_s_at	1.72968	8.74643E-06
ALDH4A1	203722_PM_at	-1.71808	8.75057E-06
CYP4F12	206539_PM_s_at	-1.31109	8.84824E-06
C11orf70	224463_PM_s_at	1.28051	8.88434E-06
CCDC64	215015_PM_at	-1.2427	8.92214E-06
PNLIPRP1	206694_PM_at	-1.21543	8.92378E-06
GPR160	223423_PM_at	-1.46924	8.92398E-06
PAX5	206802_PM_at	1.36414	8.94772E-06
C10orf41	228048_PM_at	-1.28494	8.97728E-06
SNHG1	224610_PM_at	1.31602	9.06697E-06
INPP4B	205376_PM_at	1.31249	9.06817E-06
C5orf56	230405_PM_at	1.36579	9.16008E-06
EZH2	203358_PM_s_at	1.35402	9.16893E-06
SLC5A3	212944_PM_at	-1.41979	9.23618E-06
MUC15	227238_PM_at	-1.79181	9.24091E-06
DNAJB1	200664_PM_s_at	-1.2869	9.33019E-06
KIAA0114	224870_PM_at	-1.2581	9.36157E-06
CD81	200675_PM_at	1.25217	9.36333E-06
FES	205418_PM_at	1.293	9.40066E-06
FUZ	221187_PM_s_at	-1.39327	9.40515E-06
MOXD1	209708_PM_at	1.95376	9.42042E-06
XAF1	206133_PM_at	1.93293	9.43059E-06
KCNH6	211045_PM_s_at	-1.31882	9.46779E-06
DARS2	218365_PM_s_at	-1.35873	9.48645E-06
PIK3C2G	215129_PM_at	-1.41396	9.52376E-06

ELP4	203829_PM_at	-1.30713	9.53004E-06
CD19	206398_PM_s_at	1.43721	9.54817E-06
TBCD	201759_PM_at	-1.2017	9.54939E-06
EXOSC6	231916_PM_at	-1.36715	9.5611E-06
PSMC2	201067_PM_at	-1.24977	9.57332E-06
CCDC50	225331_PM_at	1.31745	9.59628E-06
LHFPL2	212658_PM_at	1.44966	9.66793E-06
C17orf91	214696_PM_at	-1.21778	9.71431E-06
SLC16A5	206599_PM_at	1.57719	9.71546E-06
WIP1	203827_PM_at	-1.26512	9.76109E-06
MRPL1	223154_PM_at	-1.20727	9.8023E-06
CSPP1	220072_PM_at	-1.40788	9.85325E-06
CD180	206206_PM_at	1.37521	9.85586E-06
MRPS25	224015_PM_s_at	-1.2211	9.86282E-06
TRIM55	232721_PM_at	-1.24691	9.86296E-06
EHD1	208112_PM_x_at	-1.24227	9.90306E-06
LRRC16B	229561_PM_at	-1.20819	9.91753E-06
EAF2	219551_PM_at	-1.6355	9.92485E-06
ZNF430	206829_PM_x_at	1.30392	9.93806E-06
ANO5	229313_PM_at	-1.48843	9.93925E-06
LOC440434	214107_PM_x_at	-1.22296	1.00038E-05
FRMD1	220819_PM_at	-1.3106	1.00416E-05
PDHX	203067_PM_at	-1.24784	1.00834E-05
TSFM	212656_PM_at	-1.27576	1.0129E-05
SMTNL2	229730_PM_at	-1.47854	1.02115E-05
CLEC4F	1552410_PM_at	1.21235	1.02135E-05
OSBP	201799_PM_s_at	-1.3347	1.02197E-05
LOC90499	234016_PM_at	-1.22252	1.02304E-05
A1CF	220951_PM_s_at	-1.95828	1.03017E-05
TMEM111	215250_PM_at	-1.24345	1.03854E-05
GIPC2	219970_PM_at	-1.68821	1.0404E-05
FNIP2	225922_PM_at	-1.24551	1.04416E-05
TACC3	218308_PM_at	1.31384	1.04462E-05
FNIP1 /// RAPGEF6	219112_PM_at	1.32753	1.0483E-05

TMED1	203679_PM_at	-1.21976	1.06424E-05
LOC100130691	231540_PM_at	-1.85935	1.0659E-05
IMMP1L	229025_PM_s_at	-1.20065	1.06684E-05
GMNN	218350_PM_s_at	-1.23908	1.06688E-05
C18orf19	230739_PM_at	-1.29335	1.06951E-05
GCET2	235310_PM_at	1.21808	1.06955E-05
MRC2	209280_PM_at	-1.33672	1.07142E-05
FAM134A	218037_PM_at	-1.20308	1.07161E-05
S1PR3	228176_PM_at	1.21238	1.07949E-05
ANKRD13A	224810_PM_s_at	1.21141	1.08149E-05
ATP6V0A1	205095_PM_s_at	-1.21639	1.08299E-05
C3orf64	221935_PM_s_at	1.32897	1.08814E-05
DCLRE1A	209804_PM_at	-1.20314	1.09746E-05
EIF3M	202232_PM_s_at	1.27764	1.09892E-05
FER1L4	220388_PM_at	1.20433	1.10111E-05
NELL2	203413_PM_at	1.65756	1.10375E-05
SIN3B	209352_PM_s_at	1.20133	1.10395E-05
GEM	204472_PM_at	1.59624	1.10399E-05
C10orf125	230259_PM_at	-1.54266	1.10718E-05
EIF2AK3	218696_PM_at	1.27517	1.11616E-05
TMEM63B	225271_PM_at	-1.26548	1.11701E-05
PEX13	205246_PM_at	-1.25716	1.11966E-05
GATA2	209710_PM_at	-1.24356	1.12333E-05
LOC100270804	229722_PM_at	-1.21631	1.12359E-05
LOC100292909	241535_PM_at	1.23683	1.1253E-05
CELF3	206817_PM_x_at	-1.20061	1.12765E-05
C13orf34	219544_PM_at	1.27842	1.12867E-05
MPDZ	205079_PM_s_at	-1.30554	1.15395E-05
TMCC3	226489_PM_at	-1.25165	1.15473E-05
LOC644538	227976_PM_at	1.32679	1.16541E-05
CHKA	204233_PM_s_at	-1.24965	1.16546E-05
LOC389906	1556102_PM_x_at	1.23863	1.17041E-05
TMEM87A	212202_PM_s_at	1.22998	1.1706E-05
LOC100289169 /// LOC729602 /// NPIPL3 /// PDXDC2	215920_PM_s_at	-1.20274	1.17232E-05

KLHL15	226370_PM_at	-1.25877	1.18191E-05
ARL8B	222442_PM_s_at	-1.30706	1.1862E-05
CCDC28A	209479_PM_at	-1.20358	1.18708E-05
SLC13A3	205243_PM_at	-1.98787	1.19707E-05
KCTD6	238001_PM_at	-1.38757	1.19914E-05
C1GALT1	219439_PM_at	-1.24693	1.19972E-05
ERLIN2	221542_PM_s_at	-1.33786	1.20449E-05
FGF1	205117_PM_at	-1.82127	1.20482E-05
CYP20A1	219565_PM_at	-1.21417	1.21145E-05
CPNE4	228796_PM_at	-1.23995	1.21315E-05
ACBD5	225663_PM_at	-1.25116	1.21396E-05
CAMK2A	207613_PM_s_at	-1.21243	1.22083E-05
PRKD3	211084_PM_x_at	1.27709	1.22085E-05
KCNAB2	203402_PM_at	-1.23496	1.23002E-05
DENND2D	221081_PM_s_at	1.33579	1.23174E-05
HDAC11	219847_PM_at	-1.21102	1.24556E-05
DDX50	221699_PM_s_at	1.37346	1.24931E-05
SH2D2A	207351_PM_s_at	1.232	1.24949E-05
C19orf33	223631_PM_s_at	1.7844	1.24983E-05
IFI6	204415_PM_at	1.78891	1.25343E-05
CDK11A	212401_PM_s_at	1.21287	1.25415E-05
MYB	204798_PM_at	1.23844	1.26025E-05
USP5	206031_PM_s_at	-1.25395	1.26964E-05
CD163	216233_PM_at	1.35622	1.27533E-05
TRIO	208178_PM_x_at	1.31652	1.27547E-05
GPC2	239422_PM_at	-1.25338	1.27565E-05
GNAI2	201040_PM_at	1.37071	1.27691E-05
RSAD1	218307_PM_at	-1.22557	1.28053E-05
MICALL2	219332_PM_at	1.21767	1.2942E-05
TOX2	228737_PM_at	1.27912	1.30123E-05
TLCD2	241359_PM_at	1.23511	1.30155E-05
PRKX	204061_PM_at	1.53963	1.30257E-05
BHMT	206119_PM_at	-1.59457	1.30868E-05
FN1	210495_PM_x_at	1.65768	1.3127E-05

SGOL2	230165_PM_at	1.26625	1.32522E-05
MAP3K14	205192_PM_at	1.21469	1.32633E-05
FKBP14	219390_PM_at	1.26672	1.32655E-05
UMOD	206716_PM_at	-2.30635	1.33101E-05
BMF	226530_PM_at	1.3125	1.33138E-05
C20orf199	224915_PM_x_at	1.23732	1.34951E-05
C7orf58	220032_PM_at	1.24183	1.36005E-05
C16orf87	226608_PM_at	-1.40065	1.36384E-05
MUC13	218687_PM_s_at	-1.76456	1.37266E-05
PATL2	230753_PM_at	1.28831	1.37349E-05
TMEM192	226589_PM_at	-1.41703	1.37382E-05
CEL	205910_PM_s_at	-1.53341	1.37398E-05
MAP2	225540_PM_at	1.4027	1.37514E-05
TNFRSF4	214228_PM_x_at	1.24703	1.38193E-05
PRR5	219168_PM_s_at	-1.35101	1.38236E-05
GRAMD1A	224807_PM_at	1.23208	1.38798E-05
ZNF117	207605_PM_x_at	1.33513	1.38836E-05
AKTIP	218373_PM_at	-1.39559	1.39956E-05
PPARGC1A	219195_PM_at	-1.41182	1.40219E-05
CPNE2	225129_PM_at	1.27966	1.40783E-05
RND3	212724_PM_at	1.48453	1.41038E-05
CRHR1	214619_PM_at	-1.23803	1.41605E-05
WDFY4	229597_PM_s_at	1.21567	1.4211E-05
KHNYN	212355_PM_at	1.22095	1.42529E-05
GSS	201415_PM_at	-1.31111	1.43087E-05
HKDC1	220585_PM_at	-1.30622	1.43169E-05
DNAJC3	208499_PM_s_at	1.48669	1.44369E-05
ST5	202440_PM_s_at	1.35648	1.44545E-05
GLIS1	244128_PM_x_at	-1.39809	1.44585E-05
GOLGA2B	219876_PM_s_at	-1.28574	1.45058E-05
CYP4F2	210452_PM_x_at	-2.39642	1.4535E-05
FAM72A /// FAM72B /// FAM72C	225834_PM_at	1.36675	1.45415E-05
MRPS23	223156_PM_at	-1.20017	1.45444E-05
TNNI3K	220415_PM_at	-1.48463	1.45505E-05

TMEM106A	1552302_PM_at	-1.54267	1.46047E-05
ENPP3	222938_PM_x_at	-1.59686	1.46951E-05
SUMO1	208761_PM_s_at	-1.2264	1.47467E-05
C4orf47	236915_PM_at	1.31559	1.47545E-05
S100A4	203186_PM_s_at	1.57188	1.4815E-05
CENPV	226610_PM_at	-1.30964	1.49337E-05
DENND5A	212561_PM_at	1.2122	1.49343E-05
GBGT1	231780_PM_at	1.26333	1.49385E-05
TIGIT	240070_PM_at	1.37786	1.49735E-05
CHUK	209666_PM_s_at	-1.28564	1.50211E-05
MRPL32	225260_PM_s_at	-1.24782	1.51962E-05
MRPL43	224332_PM_s_at	-1.29594	1.52333E-05
SIPA1	204164_PM_at	1.25238	1.53724E-05
ATL3	223452_PM_s_at	1.21112	1.53735E-05
PAICS	201013_PM_s_at	-1.30476	1.54223E-05
KNTC1	206316_PM_s_at	1.26997	1.54382E-05
FMO5	205776_PM_at	-1.41304	1.54724E-05
PCBD1	203557_PM_s_at	-1.4303	1.54773E-05
TEX264	218548_PM_x_at	-1.29798	1.54794E-05
C15orf48	223484_PM_at	1.67196	1.55023E-05
BPI	205557_PM_at	-1.70147	1.5605E-05
STEAP2	225871_PM_at	-1.32074	1.57974E-05
POLD2	201115_PM_at	-1.22334	1.58099E-05
ATPBD4	238662_PM_at	-1.25823	1.58116E-05
ZNF358	219379_PM_x_at	-1.24151	1.58199E-05
C7orf50	224478_PM_s_at	-1.26145	1.59599E-05
KIAA0240	213208_PM_at	1.21275	1.59775E-05
CCRL2	211434_PM_s_at	1.30527	1.60679E-05
SMYD2	212921_PM_at	1.24014	1.60898E-05
LAMB3	209270_PM_at	1.28705	1.61087E-05
SURF2	205224_PM_at	-1.22159	1.61984E-05
SERPINF2	205075_PM_at	-1.60128	1.62565E-05
NUCB1	200646_PM_s_at	-1.27	1.62628E-05
PDE8A	212521_PM_s_at	-1.4121	1.63801E-05

SSBP4	223226_PM_x_at	1.23726	1.64401E-05
CYLD	213295_PM_at	1.25112	1.65066E-05
IL18R1	206618_PM_at	1.278	1.65364E-05
PIPOX	221605_PM_s_at	-2.14061	1.66132E-05
B3GALT4	210205_PM_at	1.2837	1.66187E-05
CAD	202715_PM_at	1.35435	1.66226E-05
SFI1	213431_PM_x_at	1.241	1.66433E-05
RPS6KA5	204635_PM_at	1.2994	1.66809E-05
HSH2D	1552623_PM_at	1.21287	1.67393E-05
SHPK	219713_PM_at	-1.25554	1.67901E-05
ADORA3	206171_PM_at	1.36353	1.67955E-05
CYP2J2	205073_PM_at	-1.60416	1.68237E-05
PTPN18	203555_PM_at	1.20162	1.70073E-05
TIGD5	229758_PM_at	-1.23417	1.70329E-05
TMEM61	230822_PM_at	-1.4235	1.72775E-05
PCYOX1L	218953_PM_s_at	1.26035	1.72803E-05
LIMS3	223800_PM_s_at	-1.35008	1.72946E-05
MAPK8IP2	205050_PM_s_at	-1.21579	1.74117E-05
TRAPPC9	221672_PM_s_at	-1.21275	1.74949E-05
HLA-DRA	208894_PM_at	1.61092	1.74978E-05
GLOD4	209092_PM_s_at	-1.23029	1.75468E-05
C7orf31	229146_PM_at	1.20238	1.75545E-05
ESM1	208394_PM_x_at	-1.49069	1.75576E-05
RAB1A	207791_PM_s_at	-1.48581	1.75583E-05
ZBTB20	205383_PM_s_at	1.20646	1.76394E-05
KIF2A	203086_PM_at	1.26151	1.76468E-05
MYL10	221659_PM_s_at	-1.21901	1.76764E-05
PIGH	209625_PM_at	-1.32997	1.77364E-05
ZNF337	37860_PM_at	1.2437	1.7771E-05
CCL8	214038_PM_at	1.58431	1.78034E-05
C20orf151	236258_PM_at	-1.29067	1.78153E-05
C22orf34	235839_PM_at	-1.22398	1.78227E-05
PASK	206594_PM_at	1.34579	1.78524E-05
C11orf21	220560_PM_at	1.22822	1.78696E-05

FAM13A	202973_PM_x_at	-1.28487	1.78896E-05
FTCD	220604_PM_x_at	-2.03029	1.79442E-05
SUPT3H	206506_PM_s_at	1.20677	1.79677E-05
GLYAT	206930_PM_at	-1.96355	1.80055E-05
RRAD	204802_PM_at	1.67349	1.80453E-05
C6orf72	225576_PM_at	-1.35959	1.80565E-05
GNB3	206047_PM_at	-1.20511	1.81239E-05
LRRC19	220376_PM_at	-1.69109	1.81437E-05
HLA-DPB2	239975_PM_at	1.2372	1.83062E-05
TRAF3IP3	205804_PM_s_at	1.44513	1.83462E-05
TMEM139	227753_PM_at	-1.53038	1.83484E-05
PAQR5	220333_PM_at	-1.38719	1.84186E-05
PDZD2	209493_PM_at	-1.40597	1.84882E-05
MT1M	217546_PM_at	1.72227	1.85206E-05
ACSM5	220061_PM_at	-1.61174	1.85672E-05
PMVK	203515_PM_s_at	-1.36092	1.88156E-05
TPD52	201688_PM_s_at	-1.71838	1.89333E-05
CDKN1A	202284_PM_s_at	1.35793	1.89725E-05
ASPHD1	214993_PM_at	1.23764	1.89928E-05
MAPK13	210058_PM_at	1.29719	1.89979E-05
C9orf30	1555841_PM_at	1.30614	1.9025E-05
SERPINA5	209443_PM_at	-1.56067	1.90504E-05
FOXP1	223287_PM_s_at	1.31158	1.90837E-05
LAIR2	207509_PM_s_at	1.32894	1.92161E-05
FAM149A	214889_PM_at	-1.40831	1.92708E-05
LOC285943	230080_PM_at	-1.2179	1.93315E-05
GFOD1	219821_PM_s_at	1.31745	1.93321E-05
SMAGP	209679_PM_s_at	1.35647	1.93571E-05
SLC5A12	214389_PM_at	-2.06949	1.93611E-05
RNF121	219021_PM_at	-1.25426	1.93894E-05
NSUN5P2	213460_PM_x_at	1.21422	1.94062E-05
CACHD1	225627_PM_s_at	-1.34421	1.94266E-05
KCNJ15	210119_PM_at	-1.78967	1.95536E-05
ZNF107	205739_PM_x_at	1.34805	1.95595E-05

CHD1	235791_PM_x_at	1.20093	1.95645E-05
RHEB	201451_PM_x_at	-1.20796	1.9673E-05
MRPL42	217919_PM_s_at	-1.30892	1.96744E-05
NMNAT1	223692_PM_at	-1.20662	1.96798E-05
MYL5	205145_PM_s_at	-1.33727	1.97156E-05
TMEM2	218113_PM_at	1.32858	1.98045E-05
ATG4D	226871_PM_s_at	-1.22553	1.98407E-05
LOC389458	230439_PM_at	-1.24795	1.99681E-05
ADAMTS15	229004_PM_at	-1.2999	2.00295E-05
PIGR	204213_PM_at	1.48316	2.01331E-05
CNOT6L	226153_PM_s_at	1.24542	2.01376E-05
HSD11B2	204130_PM_at	-1.71691	2.03303E-05
CDK20	205271_PM_s_at	-1.20554	2.03756E-05
SCARA3	219416_PM_at	1.3231	2.04385E-05
KIAA0664	212456_PM_at	-1.20105	2.05459E-05
TTY14	224003_PM_at	-1.3373	2.07172E-05
IFRD2	209100_PM_at	-1.21925	2.08659E-05
ABAT	206527_PM_at	-1.75046	2.08843E-05
TMEM37	1554483_PM_at	-1.5312	2.09348E-05
C19orf28	220178_PM_at	-1.36108	2.09496E-05
METTL3	209265_PM_s_at	1.25711	2.09952E-05
LAMA5	210150_PM_s_at	1.2661	2.10952E-05
TXNIP	201008_PM_s_at	1.31249	2.11334E-05
LIMS3 /// LIMS3-LOC440895 /// LOC440895	229095_PM_s_at	-1.38085	2.12511E-05
LASS5	224951_PM_at	1.22217	2.1302E-05
RCL1	222666_PM_s_at	-1.29581	2.13123E-05
TMEM41A	225991_PM_at	-1.22101	2.1332E-05
TSPAN15	218693_PM_at	1.34504	2.13539E-05
SLC2A2	206535_PM_at	-1.95803	2.15229E-05
PRPF31	202407_PM_s_at	-1.39881	2.16328E-05
HYLS1	227687_PM_at	-1.20866	2.18629E-05
WNT10A	223709_PM_s_at	1.24183	2.19306E-05
ATP6V1C1	202872_PM_at	-1.3185	2.20041E-05
MORN4	228354_PM_at	-1.25565	2.20839E-05

GNL3	217850_PM_at	1.29435	2.21509E-05
LOC550643	225028_PM_at	-1.20046	2.22769E-05
HSF4	210977_PM_s_at	-1.25283	2.22796E-05
EMR1	207111_PM_at	1.24414	2.24283E-05
CUBN	206775_PM_at	-1.98228	2.27394E-05
TINAG	223782_PM_s_at	-1.97734	2.27512E-05
FBXO15	231472_PM_at	-1.35093	2.28145E-05
PLEKHF2	218640_PM_s_at	-1.42084	2.28898E-05
PRKAG2	215231_PM_at	-1.48894	2.28952E-05
PEX1	204873_PM_at	-1.32288	2.29019E-05
KLF10	202393_PM_s_at	1.30881	2.29509E-05
EGOT	222314_PM_x_at	-1.34122	2.29562E-05
TMEM150C	229623_PM_at	-1.22354	2.31392E-05
STAC	205743_PM_at	-1.20925	2.34716E-05
FANCI	213007_PM_at	1.23375	2.34758E-05
ZNF587	219981_PM_x_at	1.26263	2.35544E-05
FAM22F /// FAM22G	234414_PM_at	-1.30857	2.35594E-05
DNAJC11	215792_PM_s_at	-1.22994	2.35792E-05
CYP4V2	226745_PM_at	-1.34631	2.35891E-05
NDRG1	200632_PM_s_at	-1.26133	2.3597E-05
LOC388387	1556737_PM_at	-1.40235	2.37623E-05
FASTKD3	219200_PM_at	-1.28924	2.3782E-05
XPO7	208459_PM_s_at	-1.32544	2.39135E-05
LOC728701	234380_PM_x_at	-1.25197	2.4069E-05
LOC100289811 /// LOC441259 /// PMS2 /// PMS2L1 /// PMS2L1	216039_PM_at	-1.20821	2.41323E-05
ITSN1	209297_PM_at	1.20468	2.42371E-05
C12orf32	225836_PM_s_at	1.28372	2.427E-05
PCDH17	205656_PM_at	1.37528	2.4364E-05
TSPO	202096_PM_s_at	1.27266	2.4446E-05
B9D1	205662_PM_at	-1.29972	2.45359E-05
ZBED2	219836_PM_at	1.25708	2.45851E-05
C10orf72	213381_PM_at	-1.33094	2.47682E-05
FAM22B	234695_PM_x_at	-1.2573	2.47703E-05
STK39	202786_PM_at	1.24024	2.5062E-05

SPIN4	228654_PM_at	1.31118	2.5147E-05
PFN1	200634_PM_at	1.2589	2.52171E-05
SIPA1L2	225056_PM_at	1.37633	2.54482E-05
SLC5A2	207771_PM_at	-1.65492	2.54512E-05
CLPTM1L	223020_PM_at	-1.2445	2.54564E-05
PHYHD1	226846_PM_at	-1.29197	2.54708E-05
MORN2	226790_PM_at	-1.35271	2.56673E-05
RHBDD2	222995_PM_s_at	-1.35305	2.58499E-05
RPS24	1555878_PM_at	1.50504	2.58518E-05
ACSM2A /// ACSM2B	241914_PM_s_at	-1.97002	2.59685E-05
SELM	226051_PM_at	1.3156	2.60734E-05
FTL	213187_PM_x_at	-1.21329	2.61473E-05
CLK2	203229_PM_s_at	1.20616	2.61508E-05
TTC32	226838_PM_at	-1.31219	2.63123E-05
CGB /// CGB5	205387_PM_s_at	-1.22167	2.63546E-05
CLDN6	208474_PM_at	-1.34577	2.64099E-05
DCP2	212919_PM_at	1.30245	2.6447E-05
C14orf37	1557176_PM_a_at	-1.21498	2.64896E-05
RGNEF	219610_PM_at	-1.38105	2.65128E-05
ATOX1	203454_PM_s_at	-1.23174	2.65292E-05
FAM60A	220147_PM_s_at	1.23799	2.65399E-05
VEGFC	209946_PM_at	1.37733	2.66928E-05
TMEM220	229693_PM_at	-1.30443	2.67018E-05
C2orf40	223623_PM_at	-1.70588	2.67204E-05
MYOF	201798_PM_s_at	1.59239	2.67795E-05
C17orf55	243263_PM_at	-1.23678	2.68927E-05
SUZ12P	217704_PM_x_at	1.30678	2.69093E-05
LOC100128737	228753_PM_at	-1.22722	2.6974E-05
ABP1	203559_PM_s_at	-1.9389	2.7116E-05
SLCO4C1	207596_PM_at	-1.29823	2.71229E-05
MGMT	204880_PM_at	-1.27343	2.7196E-05
CCDC74A /// CCDC74B	227966_PM_s_at	1.33858	2.72891E-05
C10orf11	223703_PM_at	-1.29129	2.72948E-05
C1orf31	225638_PM_at	-1.21989	2.72961E-05

MSL1	212708_PM_at	1.40142	2.74539E-05
SLC35A3	206770_PM_s_at	-1.25106	2.77164E-05
DUX4 /// LOC441056 /// LOC653543 /// LOC653544 /// LOC6535	216473_PM_x_at	-1.34487	2.77572E-05
CCNH	204093_PM_at	-1.20293	2.78723E-05
HPD	206024_PM_at	-2.57841	2.78905E-05
UBLCP1	227413_PM_at	1.24352	2.80683E-05
BARD1	205345_PM_at	1.25796	2.80823E-05
MRPL51 /// SPTLC1	224334_PM_s_at	-1.20674	2.81502E-05
CEBPD	203973_PM_s_at	1.27193	2.8187E-05
CAV2	203323_PM_at	1.36388	2.81876E-05
FAM173A	219709_PM_x_at	-1.29369	2.82498E-05
SLC2A14 /// SLC2A3	216236_PM_s_at	1.2853	2.84135E-05
SCYL2	221220_PM_s_at	-1.24678	2.84412E-05
NOX4	219773_PM_at	-1.76807	2.84529E-05
MDM4	225740_PM_x_at	1.26403	2.84774E-05
PARK2	207058_PM_s_at	-1.21641	2.84788E-05
VSNL1	203797_PM_at	-1.28765	2.85036E-05
SCNN1G	207295_PM_at	-1.33792	2.85042E-05
KIAA0754	215268_PM_at	1.48044	2.8528E-05
CCDC69	212886_PM_at	1.40842	2.86507E-05
GSTZ1	209531_PM_at	-1.36328	2.90039E-05
ADAMTS3	214913_PM_at	1.347	2.90052E-05
METRNL	225955_PM_at	-1.32687	2.90717E-05
LTB4R2	220130_PM_x_at	-1.24386	2.93047E-05
MINPP1	209585_PM_s_at	-1.26598	2.93259E-05
MPND	233651_PM_s_at	-1.36496	2.94676E-05
KCNIP4	224530_PM_s_at	1.39673	2.94829E-05
C6orf130	213322_PM_at	-1.20621	2.95694E-05
COQ7	209745_PM_at	-1.21819	2.95752E-05
MED12	203506_PM_s_at	1.33389	2.96698E-05
ERAP1	209701_PM_at	1.22467	2.96989E-05
OFD1	203569_PM_s_at	1.29762	2.98891E-05
ALKBH5	228034_PM_x_at	-1.3647	2.99173E-05
PDE10A	205501_PM_at	-1.55528	3.01408E-05

LOC728730	242313_PM_at	-1.2569	3.02702E-05
FAM105A	214947_PM_at	1.29515	3.05115E-05
ZDHC9	222451_PM_s_at	-1.38858	3.08022E-05
PCDHGA11 /// PCDHGA12 /// PCDHGA6 /// PCDHGB3 /// PCDHG	205717_PM_x_at	1.23486	3.08107E-05
MAPK10	204813_PM_at	-1.24452	3.11558E-05
GLYATL1	227695_PM_at	-2.01279	3.12108E-05
TRA2A	204658_PM_at	1.42893	3.12367E-05
ATP6V1B2	201089_PM_at	-1.38302	3.14089E-05
TMEM9	222987_PM_s_at	-1.25563	3.16165E-05
LFNG	215270_PM_at	1.21329	3.16241E-05
APOBEC3A	210873_PM_x_at	1.30826	3.16422E-05
SMS	202043_PM_s_at	-1.26373	3.16739E-05
SERTAD1	223394_PM_at	1.26449	3.17433E-05
CFL2	224352_PM_s_at	-1.39799	3.17835E-05
SEMA6A	215028_PM_at	1.38163	3.18064E-05
STIM2	225246_PM_at	1.25924	3.19108E-05
LOC401233	1558882_PM_at	1.24403	3.19165E-05
ACTA2	200974_PM_at	1.45037	3.20371E-05
CWH43	220723_PM_s_at	-1.45543	3.21276E-05
MTA1	211783_PM_s_at	1.34885	3.2222E-05
SEPX1	217977_PM_at	-1.41765	3.23494E-05
NIPAL2	227001_PM_at	1.35046	3.23952E-05
FLJ37786	1558579_PM_at	-1.49061	3.24719E-05
LOC729970	230433_PM_at	-1.52648	3.25644E-05
UFSP1	240280_PM_at	-1.22139	3.26143E-05
IDI1	204615_PM_x_at	-1.21769	3.26856E-05
ARHGAP32	203431_PM_s_at	-1.2074	3.28336E-05
ZNF385B	229019_PM_at	-1.41399	3.28348E-05
ANKRD22	238439_PM_at	1.35671	3.32313E-05
TUT1	218965_PM_s_at	-1.21819	3.32605E-05
SGK3	227627_PM_at	-1.2686	3.32651E-05
TNFAIP8L1	227420_PM_at	-1.28803	3.32786E-05
CALM1	200653_PM_s_at	-1.43959	3.328E-05
INVS	210114_PM_at	-1.33499	3.3608E-05

LASS2	222212_PM_s_at	-1.2368	3.36111E-05
GTPBP6	203314_PM_at	-1.2591	3.36866E-05
BTBD7	220297_PM_at	1.24847	3.37983E-05
PET117	228543_PM_at	-1.26496	3.38233E-05
ZNF385D	220117_PM_at	-1.23599	3.38718E-05
SLC26A9	242271_PM_at	-1.68774	3.40951E-05
TIMP3	201147_PM_s_at	1.35838	3.41004E-05
MACROD1	219188_PM_s_at	-1.25325	3.42031E-05
LGALS1	201105_PM_at	1.44113	3.42453E-05
CEP68	207971_PM_s_at	1.30715	3.44755E-05
SEMA6D	220574_PM_at	-1.47085	3.44833E-05
BMP2K	219546_PM_at	1.23685	3.45598E-05
IL13RA2	206172_PM_at	-1.66582	3.47091E-05
FANCG	203564_PM_at	1.33139	3.48445E-05
STXBP1	202260_PM_s_at	1.20509	3.48562E-05
H6PD	221892_PM_at	1.28732	3.49841E-05
SNED1	213488_PM_at	1.24043	3.50145E-05
BHMT2	219902_PM_at	-1.61874	3.5065E-05
SRPX	204955_PM_at	1.92438	3.54226E-05
TBRG4	220789_PM_s_at	-1.21436	3.55077E-05
FOXD4 /// FOXD4L1	217032_PM_at	-1.25631	3.55778E-05
SLC27A2	205768_PM_s_at	-1.95209	3.5605E-05
SH2D1A	211209_PM_x_at	1.27412	3.56376E-05
FKBP1B	206857_PM_s_at	1.37691	3.56537E-05
CD72	215925_PM_s_at	1.30514	3.56839E-05
RSPH1	230093_PM_at	1.5121	3.56859E-05
RBP2	231734_PM_at	-1.21222	3.58711E-05
GPATCH3	218895_PM_at	-1.22762	3.58781E-05
GVIN1	220577_PM_at	1.2193	3.59726E-05
ZNF738	229700_PM_at	1.21946	3.60431E-05
LOC100009676	232259_PM_s_at	-1.20471	3.61456E-05
LOC100132999	229872_PM_s_at	1.29615	3.65753E-05
ATP5D	203926_PM_x_at	-1.20113	3.67541E-05
KLF5	209211_PM_at	1.34635	3.71183E-05

CD55	201925_PM_s_at	1.37793	3.71239E-05
PLA2G4A	210145_PM_at	1.42835	3.71307E-05
PTGER2	206631_PM_at	1.25781	3.72641E-05
CYP4A11 /// CYP4A22	1554837_PM_a_at	-1.8385	3.73269E-05
EHBP1L1	221755_PM_at	1.32581	3.7523E-05
CES2	209667_PM_at	-1.47606	3.7549E-05
GPN3	218461_PM_at	-1.20679	3.76837E-05
TSPAN14	221002_PM_s_at	1.21121	3.80513E-05
IMPA2	203126_PM_at	-1.47841	3.80766E-05
MGC39372	239186_PM_at	1.25628	3.81664E-05
LPPR4	213496_PM_at	-1.4101	3.81873E-05
SLC7A8	202752_PM_x_at	-1.80115	3.8199E-05
TAC1	206552_PM_s_at	1.75024	3.82039E-05
LUM	201744_PM_s_at	1.40121	3.82089E-05
COL7A1	204136_PM_at	1.23274	3.82618E-05
CCDC71	219893_PM_at	-1.3071	3.82694E-05
CLEC5A	219890_PM_at	1.28457	3.83055E-05
DGCR5	215244_PM_at	-1.22729	3.83225E-05
C12orf45	226349_PM_at	1.24798	3.83972E-05
RLIM	222815_PM_at	1.20221	3.86072E-05
EIF4E2	209393_PM_s_at	-1.2643	3.86483E-05
FOXO3	204131_PM_s_at	1.21368	3.89879E-05
RMST	229782_PM_at	-1.35862	3.91763E-05
CLPX	204809_PM_at	-1.20668	3.93212E-05
GOLGA7	1554167_PM_a_at	-1.5368	3.93886E-05
ADHFE1	227113_PM_at	-1.26978	3.95627E-05
PRR14	218714_PM_at	1.21286	3.95849E-05
SCP2	201339_PM_s_at	-1.24735	3.96414E-05
UCHL5	219960_PM_s_at	-1.2592	3.97918E-05
DEXI	203733_PM_at	-1.25075	3.98023E-05
C17orf81	219260_PM_s_at	-1.2783	3.98432E-05
ILVBL	202993_PM_at	-1.39899	3.98852E-05
KIAA1529	229628_PM_s_at	-1.26981	3.99229E-05
SCO1	223221_PM_at	-1.40958	4.00003E-05

CHPT1	221675_PM_s_at	-1.28734	4.01712E-05
TRNP1	227862_PM_at	1.20915	4.02608E-05
LCAT	204428_PM_s_at	1.2238	4.04226E-05
MACC1	232151_PM_at	1.41216	4.06511E-05
WDFY3	212598_PM_at	-1.29651	4.07559E-05
MARVELD1	223095_PM_at	1.21246	4.07764E-05
LOC100130429	241851_PM_x_at	1.21542	4.07806E-05
MEST	202016_PM_at	1.30786	4.08145E-05
SYK	207540_PM_s_at	1.29532	4.12199E-05
PLK3	204958_PM_at	1.20242	4.12937E-05
FAHD2A	218504_PM_at	-1.20271	4.13951E-05
FAM81B	240065_PM_at	1.32422	4.14036E-05
INPP4A	204552_PM_at	1.2432	4.15637E-05
CALB1	205625_PM_s_at	-2.37698	4.19588E-05
CSRP1	200621_PM_at	1.2406	4.19781E-05
C1orf133	230121_PM_at	1.35852	4.20069E-05
BTN2A1	203944_PM_x_at	1.29557	4.20701E-05
SLC2A9	219991_PM_at	-1.60045	4.21053E-05
SCRN1	201462_PM_at	1.25076	4.24565E-05
TECTA	236904_PM_x_at	-1.24046	4.28095E-05
FMO1	205666_PM_at	-1.83645	4.29251E-05
PHYHIPL	226623_PM_at	-1.42754	4.33138E-05
JRKL	206734_PM_at	1.20483	4.34364E-05
PILRA	219788_PM_at	1.25139	4.36122E-05
GFM2	225392_PM_at	-1.34593	4.39212E-05
CLPP	202799_PM_at	-1.21846	4.41492E-05
CLCN5	206704_PM_at	-1.5527	4.41565E-05
DCAF10	219001_PM_s_at	-1.248	4.41747E-05
CCNE2	205034_PM_at	1.25563	4.4204E-05
SEMA4D	203528_PM_at	1.2733	4.42646E-05
TRIOBP	202795_PM_x_at	1.25757	4.44961E-05
COBL	213050_PM_at	-1.3102	4.45267E-05
SNRPN /// SNURF	201522_PM_x_at	-1.22581	4.55293E-05
N4BP2	228242_PM_at	1.21191	4.55893E-05

FAM19A5	229459_PM_at	-1.22765	4.56644E-05
ZSCAN21	223424_PM_s_at	-1.25831	4.58051E-05
ITGB6	208083_PM_s_at	1.45384	4.59202E-05
IGFBP6	203851_PM_at	1.58873	4.59745E-05
FOXO4	205451_PM_at	-1.23524	4.64568E-05
ACTR1B	202135_PM_s_at	-1.20616	4.65869E-05
NETO2	218888_PM_s_at	1.23286	4.66516E-05
CASP3	202763_PM_at	1.24345	4.67218E-05
DHRS7B	220690_PM_s_at	-1.25025	4.68381E-05
LRBA	212692_PM_s_at	-1.22556	4.69575E-05
DENND5B	215058_PM_at	-1.30103	4.71313E-05
TMEM150A	226239_PM_at	-1.31115	4.71483E-05
SLAMF1	206181_PM_at	1.27735	4.7729E-05
TOX	204529_PM_s_at	1.24452	4.78229E-05
SDCBP2	233565_PM_s_at	1.26101	4.78668E-05
LMAN1	203293_PM_s_at	-1.22936	4.78727E-05
PAPD4	225761_PM_at	1.44769	4.78841E-05
DZIP1	204556_PM_s_at	-1.23204	4.79286E-05
ITGA6	201656_PM_at	-1.32531	4.793E-05
CYP8B1	232494_PM_at	-1.86754	4.79562E-05
ZBTB1	205092_PM_x_at	1.25428	4.8128E-05
PSD3	203354_PM_s_at	1.43447	4.85185E-05
GJC2	207025_PM_at	-1.21151	4.86526E-05
CAST	207467_PM_x_at	1.20322	4.93593E-05
ASPHD2	227014_PM_at	1.33084	4.95679E-05
PROC	206259_PM_at	-1.49829	4.96198E-05
LOC284578	1557474_PM_at	-1.70637	4.96443E-05
SNX13	213292_PM_s_at	-1.2512	4.96684E-05
PXDNL	241942_PM_at	-1.24351	4.98245E-05
PRKAR1A	200603_PM_at	-1.27736	4.98352E-05
OXTR	206825_PM_at	1.25476	5.0142E-05
DPY19L1	212792_PM_at	1.20724	5.02707E-05
HOOK2	218780_PM_at	-1.23834	5.03668E-05
BBS2	223227_PM_at	-1.21959	5.03774E-05

FANK1	232968_PM_at	1.29053	5.06435E-05
BGN	201261_PM_x_at	1.37948	5.07069E-05
CTSH	202295_PM_s_at	-1.21342	5.07497E-05
C7orf54	210109_PM_at	1.21311	5.07582E-05
SLC20A1	201920_PM_at	1.23665	5.08695E-05
HRCT1	235496_PM_at	1.31152	5.0959E-05
ENOSF1	204142_PM_at	-1.33707	5.09712E-05
HIST1H2BE	208527_PM_x_at	-1.27893	5.09882E-05
CMTM4	224998_PM_at	-1.52925	5.14471E-05
LOC440957	223899_PM_at	-1.21241	5.2019E-05
COPS8	202142_PM_at	-1.2796	5.2139E-05
GALNT7	218313_PM_s_at	1.31978	5.21525E-05
RETSAT	218124_PM_at	-1.35334	5.2561E-05
RAB5C	201140_PM_s_at	-1.23725	5.27274E-05
S100A2	204268_PM_at	1.72445	5.27278E-05
CD163L1	223655_PM_at	1.27472	5.27573E-05
FGF7	205782_PM_at	1.64459	5.28364E-05
STARD5	213820_PM_s_at	1.21014	5.28395E-05
GPCPD1	224826_PM_at	1.31481	5.29001E-05
PSMG1	203405_PM_at	-1.2131	5.29112E-05
TMEM72	1558323_PM_at	-1.59677	5.33013E-05
BLNK	207655_PM_s_at	1.29515	5.33186E-05
ACAT2	209608_PM_s_at	-1.22969	5.34288E-05
FAM110B	221959_PM_at	1.24672	5.34312E-05
TPCN1	217914_PM_at	-1.2287	5.3703E-05
CDH5	204677_PM_at	1.34171	5.37653E-05
FBXL21	1553500_PM_at	-1.23168	5.40458E-05
CTSW	214450_PM_at	1.23744	5.43951E-05
LMNA	203411_PM_s_at	1.24182	5.46713E-05
CAV1	203065_PM_s_at	1.58201	5.48026E-05
SPSB1	219677_PM_at	1.2318	5.48892E-05
PLEKHA6	205093_PM_at	-1.2775	5.48974E-05
AGL	203566_PM_s_at	-1.31646	5.4945E-05
LOC100288332 /// LOC100288583 /// NPIPL3	215123_PM_at	1.5848	5.49495E-05

MRPS2	218001_PM_at	-1.26464	5.51161E-05
LRPAP1	201186_PM_at	-1.2076	5.52092E-05
UROD	208970_PM_s_at	-1.26304	5.56971E-05
HPCAL1	205462_PM_s_at	-1.3102	5.60453E-05
MTG1	212767_PM_at	-1.23164	5.73233E-05
C9orf91	221865_PM_at	1.25278	5.78906E-05
TECR	208336_PM_s_at	-1.30671	5.7897E-05
GATM	203178_PM_at	-1.3781	5.79777E-05
HPN	204934_PM_s_at	-1.51373	5.82223E-05
GPR162	205056_PM_s_at	-1.20401	5.93366E-05
CNN2	201605_PM_x_at	1.30035	5.93917E-05
SRPX2	205499_PM_at	1.4731	5.97739E-05
DGCR8	218650_PM_at	1.20968	5.99103E-05
AOX1	205082_PM_s_at	-1.6021	6.00641E-05
CENPK	222848_PM_at	1.29597	6.02249E-05
CYP4F3	206515_PM_at	-1.99601	6.02402E-05
ACBD4	219413_PM_at	-1.22681	6.04374E-05
FBXW7	218751_PM_s_at	1.23361	6.05696E-05
POGK	222564_PM_at	1.20314	6.08547E-05
PLA2G16	209581_PM_at	-1.23624	6.08595E-05
ERI3	208973_PM_at	-1.27812	6.09961E-05
MRPS18A	218385_PM_at	-1.21603	6.1326E-05
ORC5L	204957_PM_at	-1.20591	6.14881E-05
TAGLN3	204743_PM_at	-1.43768	6.14907E-05
DHRS9	219799_PM_s_at	1.43367	6.1568E-05
YIF1A	202418_PM_at	-1.20998	6.16252E-05
CHST9	223737_PM_x_at	1.34112	6.16487E-05
ST3GAL4	203759_PM_at	-1.29799	6.16938E-05
MAP2K3	207667_PM_s_at	-1.24259	6.17082E-05
CLECL1	244413_PM_at	1.21116	6.1714E-05
LOC100294358	230374_PM_at	-1.25801	6.17633E-05
FAM57B	227781_PM_x_at	-1.26504	6.17698E-05
THRSP	229476_PM_s_at	-1.5291	6.17755E-05
LOC440993	229820_PM_at	-1.37089	6.19125E-05

TRIM2	202341_PM_s_at	-1.28973	6.19136E-05
TGIF1	203313_PM_s_at	1.414	6.2119E-05
EPB49	204505_PM_s_at	-1.24274	6.233E-05
CBR3	205379_PM_at	1.37684	6.40246E-05
AGRN	212285_PM_s_at	1.30983	6.40314E-05
EPB41L5	220977_PM_x_at	-1.39688	6.40346E-05
LANCL2	218219_PM_s_at	-1.20104	6.41541E-05
KIAA1549	223575_PM_at	-1.28646	6.41879E-05
KCNN4	204401_PM_at	1.3302	6.46119E-05
PRC1	218009_PM_s_at	1.40173	6.46965E-05
ITGB8	205816_PM_at	1.30524	6.47518E-05
PSD	208102_PM_s_at	-1.20932	6.48447E-05
THNSL2	219044_PM_at	-1.3976	6.48738E-05
TMEM170B	235798_PM_at	-1.3532	6.48795E-05
TRIM15	210177_PM_at	-1.29962	6.49995E-05
HMX1	207353_PM_s_at	-1.28417	6.50442E-05
C6orf155	220324_PM_at	-1.37757	6.55287E-05
DPYS	206065_PM_s_at	-1.90937	6.55335E-05
SLC12A8	219874_PM_at	1.29343	6.56267E-05
LOC653602	229546_PM_at	1.20577	6.63004E-05
C6orf105	215100_PM_at	-1.31564	6.68638E-05
THAP4	220417_PM_s_at	-1.22856	6.69631E-05
PDGFRB	202273_PM_at	1.28699	6.72444E-05
TSLP	235737_PM_at	1.2092	6.72749E-05
FAM124A	230067_PM_at	-1.26974	6.73997E-05
HNRNPL	202072_PM_at	1.22174	6.81636E-05
C20orf103	219463_PM_at	1.29435	6.81674E-05
D4S234E /// FOXP1	209569_PM_x_at	1.52153	6.86021E-05
ITGAX	210184_PM_at	1.35536	6.8785E-05
PRICKLE1	226065_PM_at	1.27711	6.88879E-05
FAM38A	202771_PM_at	1.29187	6.9486E-05
SLC24A3	219090_PM_at	1.36282	6.95948E-05
RNF43	218704_PM_at	-1.23941	6.98072E-05
COCH	205229_PM_s_at	-1.51176	6.98677E-05

ZNF662	228538_PM_at	1.30366	6.98801E-05
GLCE	213552_PM_at	-1.27952	7.02111E-05
MRPS6	224919_PM_at	-1.29412	7.06397E-05
FAM73A	235125_PM_x_at	-1.32889	7.07514E-05
GLB1L	206540_PM_at	-1.36307	7.09154E-05
TMEM38B	218772_PM_x_at	-1.35848	7.09357E-05
USE1	219348_PM_at	-1.20308	7.09509E-05
CGNL1	225817_PM_at	-1.26075	7.10719E-05
SLC39A4	219215_PM_s_at	-1.42537	7.10821E-05
CFD	205382_PM_s_at	1.96123	7.13687E-05
ALKBH4	222228_PM_s_at	-1.20856	7.19177E-05
LOC730236	241471_PM_at	-1.20156	7.1944E-05
PI15	207938_PM_at	1.22464	7.21214E-05
EEF2K	225545_PM_at	1.29436	7.2139E-05
RNF44	203286_PM_at	1.22554	7.21392E-05
LRRC32	203835_PM_at	1.24738	7.23518E-05
C12orf39	221067_PM_s_at	-1.33405	7.24131E-05
SIT1	205484_PM_at	1.23549	7.24325E-05
ARHGAP4	204425_PM_at	1.22665	7.24426E-05
CLIP3	212358_PM_at	1.22695	7.2659E-05
TMEM160	219219_PM_at	-1.32937	7.29481E-05
TRAPPC6A	204985_PM_s_at	-1.34085	7.31779E-05
MMAB	225826_PM_at	-1.24172	7.34758E-05
LOC723809	239656_PM_at	-1.33282	7.35384E-05
ARFRP1	203174_PM_s_at	-1.20004	7.3812E-05
ZCCHC2	219062_PM_s_at	1.36679	7.38561E-05
ADCYAP1	230237_PM_at	1.22171	7.38589E-05
DGKD	208072_PM_s_at	1.28613	7.39867E-05
PLOD1	200827_PM_at	-1.2532	7.40949E-05
HIST1H2BB /// HIST1H2BC /// HIST1H2BD /// HIST1H2BE /// HIST	208546_PM_x_at	-1.30744	7.41098E-05
AKAP1	201674_PM_s_at	-1.24646	7.42331E-05
SH3BGR	204979_PM_s_at	-1.52665	7.46228E-05
RPS6KB2	203777_PM_s_at	-1.20005	7.48398E-05
KIAA0101	202503_PM_s_at	1.34684	7.52044E-05

KLK7	205778_PM_at	-1.37167	7.52055E-05
C1orf97	224443_PM_at	-1.23521	7.57886E-05
CENPW	226936_PM_at	1.41185	7.60456E-05
IFI44	214059_PM_at	1.58099	7.63452E-05
ARL6	223735_PM_at	-1.24215	7.67814E-05
ACP6	218795_PM_at	-1.31316	7.68892E-05
LOC100292228 /// RRN3 /// RRN3P1 /// RRN3P2	230328_PM_at	1.21854	7.69654E-05
EFHC1	219833_PM_s_at	1.318	7.75062E-05
SYS1	224668_PM_at	-1.20126	7.76327E-05
SNRPA	201770_PM_at	1.20139	7.77362E-05
C12orf29	213701_PM_at	-1.20738	7.77473E-05
PARP2	204752_PM_x_at	-1.20618	7.77658E-05
HK1	200697_PM_at	1.27126	7.78634E-05
TMEM33	218465_PM_at	-1.29129	7.79434E-05
ATF5	204998_PM_s_at	-1.2271	7.79952E-05
PROSC	209384_PM_at	-1.38055	7.83446E-05
ARHGEF4	205109_PM_s_at	-1.21706	7.83876E-05
C17orf44	230012_PM_at	1.21239	7.8791E-05
KLHDC9	227582_PM_at	-1.23627	8.00607E-05
ACE2	219962_PM_at	-1.76845	8.05072E-05
HNRNPUL1	208713_PM_at	1.21076	8.05199E-05
BANK1	219667_PM_s_at	1.36299	8.05484E-05
ARFGAP3	202211_PM_at	1.24327	8.05525E-05
NFYC	202215_PM_s_at	-1.27094	8.07319E-05
AGXT2	229229_PM_at	-2.01725	8.13044E-05
UGT2B28	211682_PM_x_at	-1.70799	8.22228E-05
UAP1L1	214755_PM_at	-1.27485	8.24639E-05
DLEU2 /// DLEU2L	215629_PM_s_at	1.28359	8.29666E-05
PI16	228312_PM_at	-1.3187	8.34162E-05
TOMM22	222474_PM_s_at	-1.25508	8.38923E-05
DEPDC1B	226980_PM_at	-1.20261	8.43573E-05
HGD	205221_PM_at	-1.61697	8.43777E-05
FBXO45	225099_PM_at	1.23259	8.51546E-05
CPN2	216223_PM_at	-1.56916	8.51724E-05

SPRED1	226837_PM_at	1.23996	8.55199E-05
TTR	209660_PM_at	-1.44253	8.55826E-05
C7orf28B	215024_PM_at	1.33019	8.57823E-05
C1orf198	223063_PM_at	1.20704	8.61784E-05
PRKCZ	202178_PM_at	-1.35986	8.64309E-05
CLEC1A	219761_PM_at	1.24365	8.65155E-05
ZNF92	235170_PM_at	1.20667	8.65769E-05
RASSF8	207754_PM_at	-1.20838	8.69178E-05
DLEU2	216870_PM_x_at	1.29767	8.69205E-05
UBR3	230029_PM_x_at	-1.4175	8.70834E-05
ZRSR2	208174_PM_x_at	1.2018	8.74042E-05
FILIP1L	204135_PM_at	1.56486	8.79228E-05
ZNF83	221645_PM_s_at	1.27676	8.85043E-05
FLJ16779	239509_PM_at	1.25825	8.90499E-05
BST2	201641_PM_at	1.64956	8.978E-05
PRPF4	209161_PM_at	-1.24576	8.98263E-05
CEP350	204373_PM_s_at	1.20452	8.99236E-05
RAB34	224710_PM_at	1.24221	9.00708E-05
ATP6VOA4	220197_PM_at	-1.56023	9.04335E-05
KLF11	218486_PM_at	1.22695	9.05709E-05
MEGF11	1552439_PM_s_at	1.25283	9.10838E-05
PHF17	218517_PM_at	1.21427	9.13389E-05
CYFIP2	215785_PM_s_at	-1.3977	9.16249E-05
LIPG	219181_PM_at	1.45894	9.17162E-05
MPV17	203466_PM_at	-1.21905	9.22666E-05
WWC3	219520_PM_s_at	1.20466	9.23506E-05
AQP3	203747_PM_at	-1.53128	9.32442E-05
LOC283278	242417_PM_at	-1.38708	9.33601E-05
PTPRO	208121_PM_s_at	-1.60089	9.35105E-05
PRKD2	209282_PM_at	1.27299	9.45612E-05
ABI3BP	220518_PM_at	1.32164	9.46686E-05
LOC100128751	232623_PM_at	1.22313	9.53153E-05
SHANK2	213307_PM_at	-1.34095	9.53284E-05
LEPRE1	220750_PM_s_at	1.22253	9.54138E-05

HOXD8	231906_PM_at	-1.26255	9.62762E-05
APOA1BP	225427_PM_s_at	-1.21346	9.62881E-05
C19orf68	238866_PM_at	-1.28656	9.72235E-05
TRPV2	219282_PM_s_at	1.29168	9.74759E-05
IGKC /// IGKV1D-8 /// LOC100291464 /// LOC650405 /// LOC652	216517_PM_at	1.2365	9.79832E-05
SUV420H2	224431_PM_s_at	-1.2442	9.81231E-05
PPM1F	203063_PM_at	1.21443	9.89997E-05
UTP14A	221514_PM_at	1.22544	9.96719E-05
CD84	205988_PM_at	1.30728	9.99074E-05
ZNF160	214715_PM_x_at	1.22509	0.000100423
CYP39A1	220432_PM_s_at	-1.30263	0.000100552
HMMR	207165_PM_at	-1.26217	0.000101578
LOC595101	238449_PM_at	1.54183	0.000102231
PDE4B	203708_PM_at	1.26706	0.000102629
C19orf22	221764_PM_at	1.35099	0.000102906
CTPS	202613_PM_at	-1.23835	0.000103658
FZD5	206136_PM_at	-1.2394	0.000103994
FGG	219612_PM_s_at	1.70774	0.000104427
PLCG2	204613_PM_at	-1.2509	0.000104589
CLEC18A /// CLEC18B /// CLEC18C	230022_PM_at	-1.79052	0.000104929
MYO5A	204527_PM_at	1.28761	0.000104948
DIAPH2	205603_PM_s_at	1.24194	0.000105021
TANC1	225308_PM_s_at	1.22913	0.000105197
NAP1L2	219368_PM_at	-1.3533	0.000105684
KRT19	201650_PM_at	1.54937	0.000105817
ARHGAP42	230047_PM_at	-1.2389	0.000106201
CCL14 /// CCL14-CCL15 /// CCL15	205392_PM_s_at	1.50932	0.000106871
CGRRF1	204605_PM_at	-1.24235	0.00010696
BAG5	202984_PM_s_at	1.2046	0.000107006
HTR7P1	236115_PM_at	1.26596	0.000107144
BCKDHA	202331_PM_at	-1.25697	0.00010728
TRIM56	231876_PM_at	1.31382	0.000107639
RSAD2	213797_PM_at	1.36593	0.000108112
DUSP1	201041_PM_s_at	1.22637	0.000108129

FRAT1	219889_PM_at	1.2192	0.000108147
HPGDS	206726_PM_at	1.4134	0.000108369
RNF5	209111_PM_at	-1.22072	0.000108576
NAPEPLD	226041_PM_at	-1.28647	0.000108588
MCTP1	220122_PM_at	1.3093	0.000109188
FGFBP2	223836_PM_at	1.36431	0.000109756
PARD6G	227204_PM_at	-1.23865	0.000110173
NBPF1 /// NBPF10	215434_PM_x_at	1.381	0.000110176
TMEM129	225587_PM_at	-1.22221	0.000110241
RGN	210751_PM_s_at	-1.58762	0.0001104
SLC22A11	220100_PM_at	-1.77232	0.000111003
NUPL1	204435_PM_at	1.21279	0.000111066
C11orf86	233938_PM_at	-1.22616	0.000111374
ALDOB	204704_PM_s_at	-1.68076	0.000111381
ZCCHC24	212419_PM_at	1.31953	0.000111381
MBLAC2	230298_PM_at	-1.23411	0.00011147
ALDH8A1	220148_PM_at	-1.60301	0.000111483
DUSP8	206374_PM_at	1.20298	0.000112903
INTS8	218905_PM_at	1.24022	0.000112915
CDC42EP3	209286_PM_at	1.24493	0.000112928
KIAA1704	220171_PM_x_at	1.23839	0.000112979
CLDN12	223249_PM_at	-1.20172	0.000114299
PHLDA1	217996_PM_at	-1.28506	0.000114896
JSRP1	235863_PM_at	-1.25016	0.000115273
ABHD15	226796_PM_at	-1.24249	0.000115307
CXorf38	228700_PM_at	1.24393	0.000115601
UBE2G1	209141_PM_at	-1.20802	0.000115963
PYGL	202990_PM_at	1.3057	0.000115974
PLCL2	213309_PM_at	-1.53593	0.000116146
LOC338758	238893_PM_at	1.26945	0.00011621
NR1D1 /// THRA	204760_PM_s_at	-1.21214	0.000116271
SELO	233167_PM_at	-1.29316	0.000116861
LGALS3BP	200923_PM_at	1.24651	0.000117109
TMTC2	235775_PM_at	1.37285	0.000117939

FUCA2	223120_PM_at	-1.20345	0.000118777
VPS13B	213243_PM_at	1.24213	0.000119167
REG3A	234280_PM_at	-1.21093	0.00011934
LOC283481	230351_PM_at	-1.24035	0.000120248
ABCC3	208161_PM_s_at	1.29062	0.000120416
ANO10	218910_PM_at	-1.20079	0.000121758
SAA1 /// SAA2	208607_PM_s_at	1.85128	0.000122366
C2orf24	200070_PM_at	-1.20414	0.000123308
C14orf109	213246_PM_at	-1.24598	0.000123705
PMM1	203467_PM_at	-1.29645	0.000124553
PCOLCE2	219295_PM_s_at	-1.60101	0.000124569
MGC70870	242136_PM_x_at	1.20445	0.000124654
PF4V1	207815_PM_at	1.20588	0.000125115
MAD1L1	204857_PM_at	1.35555	0.000125149
FAM132A	243292_PM_at	-1.34496	0.000125646
ZNF12	219571_PM_s_at	1.23293	0.000126262
HTRA1	201185_PM_at	-1.22632	0.000126295
PCDHGA1 /// PCDHGA10 /// PCDHGA11 /// PCDHGA12 /// PCDHGA13	209079_PM_x_at	1.23102	0.000126701
FAM46A	221766_PM_s_at	1.26017	0.000127086
C7orf25 /// PSMA2	221573_PM_at	-1.20793	0.000127172
PIGX	227403_PM_at	-1.36205	0.000127348
CRYZ	202950_PM_at	-1.28034	0.00012787
ITLN1	223597_PM_at	-2.12207	0.00012828
LARP6	218651_PM_s_at	-1.24001	0.000128583
CCL11	210133_PM_at	1.56194	0.000129018
ABCC6 /// ABCC6P2	214033_PM_at	-1.60789	0.000129078
MAFB	218559_PM_s_at	1.34191	0.000129091
CXADR	203917_PM_at	1.29737	0.000129305
PAOX	221941_PM_at	-1.20255	0.000130637
NPAS2	213462_PM_at	1.32285	0.000131219
MRPS9	226749_PM_at	-1.20832	0.000131305
C17orf106 /// CDK3	226396_PM_at	-1.28504	0.000131454
FCGR3A /// FCGR3B	204006_PM_s_at	1.73869	0.000131478
GGA3	209411_PM_s_at	1.23899	0.000131491

C12orf66	235026_PM_at	-1.20915	0.000131745
CD109	226545_PM_at	-1.29246	0.000131755
CHST14	226314_PM_at	1.21541	0.000133114
NR2C2AP	226839_PM_at	1.20593	0.000133793
MOSPD1	218853_PM_s_at	-1.23077	0.000135331
LOC399959	225381_PM_at	1.26726	0.000135525
ZNF787	213402_PM_at	-1.23392	0.00013555
MFSD8	228282_PM_at	-1.22359	0.000135938
LOC150381	238058_PM_at	-1.2288	0.000136072
LOC147727	235014_PM_at	-1.35122	0.000136543
PEX3	203969_PM_at	-1.54546	0.000136678
F13A1	203305_PM_at	1.39603	0.000137307
TAGLN	205547_PM_s_at	1.55501	0.000138292
RASL12	219167_PM_at	1.28896	0.0001386
EIF2B3	218488_PM_at	-1.24857	0.000138841
LOC100287616	232752_PM_at	1.37497	0.000138858
KCNK5	219615_PM_s_at	-1.50748	0.000139174
C9orf125	213386_PM_at	1.20131	0.000139177
DAB1 /// OMA1	226020_PM_s_at	-1.36581	0.00013935
LOC257396	236076_PM_at	-1.21523	0.000139372
ZNF518A	204291_PM_at	1.29034	0.000140063
SUN1	206487_PM_at	1.38513	0.000140561
IPCEF1	214735_PM_at	1.31939	0.000140575
KLHDC7A	1553437_PM_at	-1.2575	0.000141429
CCR6	206983_PM_at	1.20415	0.00014159
CBFA2T3	208056_PM_s_at	1.21367	0.000141677
LMOD1	203766_PM_s_at	1.23941	0.000141871
ACP2	202767_PM_at	-1.2005	0.000142282
GALNT3	203397_PM_s_at	1.43221	0.000142396
RCAN1	208370_PM_s_at	-1.45411	0.000142412
DIS3L	235005_PM_at	-1.23127	0.000143123
JAZF1	225798_PM_at	1.26845	0.000143147
B3GNT5	225612_PM_s_at	1.3224	0.000143156
AHI1	220841_PM_s_at	1.26826	0.000144262

VTA1	223021_PM_x_at	-1.24725	0.000144815
HSPB8	221667_PM_s_at	1.32493	0.000145178
PEAR1	228618_PM_at	1.28512	0.000145805
NET1	201829_PM_at	-1.2923	0.000146929
GNS	203676_PM_at	-1.26292	0.000147001
WNK4	229158_PM_at	-1.37193	0.000147409
PIK3AP1	226459_PM_at	1.20397	0.000147527
BTBD18	215349_PM_at	1.29716	0.000147548
MDH1B	238721_PM_at	-1.27162	0.000147986
GALNTL2	228501_PM_at	1.52253	0.000148589
TNKS2	218228_PM_s_at	1.3835	0.00015017
TNXA /// TNXB	206093_PM_x_at	1.55562	0.00015057
MYL9	201058_PM_s_at	1.4189	0.000150622
RAB3D	225001_PM_at	1.21823	0.000150689
PPFIA1	202065_PM_s_at	-1.25185	0.000151992
SYTL2	220613_PM_s_at	1.364	0.000153298
PCSK1N	218952_PM_at	-1.52524	0.000153314
LOC654433	227474_PM_at	1.24407	0.000154986
GJB2	223278_PM_at	-1.55481	0.000155146
NAIP	204860_PM_s_at	1.37003	0.00015518
C14orf68	237765_PM_at	-1.21631	0.000155742
LRTOMT	226717_PM_at	-1.20257	0.000156116
METAP2	209861_PM_s_at	1.24781	0.000156861
MYL3	205589_PM_at	-1.61617	0.000156907
CDC20	202870_PM_s_at	1.30837	0.000157053
OLFM1	205591_PM_at	1.40488	0.000157101
TPSAB1	205683_PM_x_at	1.20227	0.000157142
HOXA9	209905_PM_at	-1.2052	0.00015716
SLC25A34	232245_PM_at	-1.39376	0.000157162
C7orf41	226018_PM_at	-1.29614	0.000157532
ARMC1	218185_PM_s_at	-1.2472	0.000157677
PRX	220024_PM_s_at	-1.2536	0.000158008
FBXO7	201178_PM_at	-1.3472	0.000158135
TTC39B	232000_PM_at	-1.25686	0.000158224

SUSD1	226264_PM_at	1.24919	0.000159781
KLHL13	227875_PM_at	1.34207	0.000159837
SIN3A	225135_PM_at	1.21347	0.000160266
MPP6	205429_PM_s_at	-1.25688	0.00016081
RCOR2	236030_PM_at	-1.22688	0.000160928
MRVI1	224550_PM_s_at	1.28432	0.000161211
LOC100129250	221979_PM_at	-1.21255	0.000161449
KRT18	201596_PM_x_at	1.42231	0.00016164
CCDC84	227208_PM_at	1.24515	0.000161716
RNF14	201823_PM_s_at	-1.42337	0.00016264
LOC100129406	240868_PM_at	1.25213	0.000162751
BRD2	208685_PM_x_at	1.22089	0.000163309
HSPBAP1	219284_PM_at	1.23766	0.000163334
FAM102B	226568_PM_at	1.32877	0.000163372
GP2	206681_PM_x_at	-1.39107	0.000164261
EIF2C2	213310_PM_at	1.25701	0.000164461
CSGALNACT2 /// LOC644504	222235_PM_s_at	1.42815	0.000164987
TSHZ3	223392_PM_s_at	1.26276	0.000165017
CADPS2	219572_PM_at	-1.21384	0.000165217
TTC13	219481_PM_at	1.27193	0.000166004
TREM2	219725_PM_at	1.49535	0.000168115
FLJ20444	232897_PM_at	-1.24442	0.000168554
TMEM213	239593_PM_at	-1.56218	0.0001689
PGK1	200737_PM_at	-1.25193	0.000169357
ATP6V1A	201971_PM_s_at	-1.40705	0.000169379
ANO9	227393_PM_at	1.22421	0.000171367
LMNB1	203276_PM_at	1.39845	0.000171853
LPAR6	218589_PM_at	1.2525	0.000172505
FAM3C	201889_PM_at	1.21521	0.00017287
SESN2	223195_PM_s_at	-1.32152	0.000173676
PTGR2	230774_PM_at	-1.31023	0.000174959
TLR4	221060_PM_s_at	1.20298	0.000175903
MCM6	201930_PM_at	1.24082	0.000175963
TMEM205	225003_PM_at	-1.20463	0.000176235

CALCRL	206331_PM_at	1.22997	0.000176276
CLRN3	229777_PM_at	-1.75232	0.000176616
RDH10	226021_PM_at	-1.28351	0.000176704
IFI35	209417_PM_s_at	1.23779	0.000177511
FST	204948_PM_s_at	1.45084	0.000178489
MTO1	218716_PM_x_at	-1.30109	0.000178864
SDHC	202004_PM_x_at	-1.29554	0.000179253
SNX7	205573_PM_s_at	-1.20166	0.000179883
CDA	205627_PM_at	-1.24077	0.000180024
ARHGAP29	203910_PM_at	1.30929	0.000180103
CPXM2	226824_PM_at	-1.29662	0.000180106
INO80E	227286_PM_at	1.26058	0.000180791
SNHG3	215011_PM_at	1.22555	0.000181302
TBCE	203714_PM_s_at	-1.22993	0.000181329
PPP1R3E	227409_PM_at	-1.21606	0.000182387
CFDP1	203166_PM_at	1.48367	0.000182496
SGMS2	227038_PM_at	-1.24966	0.000183353
FARSB /// TRIM61	232063_PM_x_at	1.26662	0.000183699
CMTM8	235099_PM_at	-1.26494	0.000183824
HSP90B1	200598_PM_s_at	1.29734	0.000183846
HIST2H2BE	202708_PM_s_at	-1.27028	0.000184392
SPINK2	206310_PM_at	1.28596	0.00018478
C15orf57	225397_PM_at	1.23174	0.000185518
ZNF646	204876_PM_at	-1.23907	0.000186649
C17orf61	227063_PM_at	-1.26952	0.000187402
SLC25A1	210010_PM_s_at	-1.42197	0.000188539
YWHAH	201020_PM_at	1.42689	0.000189012
LINGO2	232720_PM_at	-1.2388	0.000189349
RRM2	209773_PM_s_at	1.50436	0.000190135
TMEM141	225568_PM_at	-1.27301	0.000191198
COMMD8	218351_PM_at	-1.20952	0.000191222
CYP26B1	219825_PM_at	-1.32894	0.000191229
ANKRD43	230238_PM_at	-1.38363	0.000191527
PTGFR	207177_PM_at	-1.22898	0.000192468

COL4A4	214602_PM_at	1.32331	0.00019324
PPARA	206870_PM_at	-1.33768	0.000193456
PLA1A	219584_PM_at	1.48591	0.00019489
LOC100287039	244080_PM_at	-1.20177	0.000195022
ELAVL3	206338_PM_at	-1.21292	0.000195292
MUC3B	214898_PM_x_at	1.3726	0.00019535
TRIM63	236972_PM_at	-1.61393	0.000195641
ANKRD12	212286_PM_at	1.2532	0.000195656
LOC100271836 /// LOC100288704 /// LOC440354 /// LOC595101244766	PM_at	1.40349	0.00019569
DOCK9	212538_PM_at	1.30763	0.000196121
C12orf69	237484_PM_at	-1.46092	0.000197742
SS18	202816_PM_s_at	-1.25044	0.000198054
CTSB	200838_PM_at	-1.2172	0.000198114
NDUFS1	203039_PM_s_at	-1.38639	0.000198458
IL17C	224079_PM_at	-1.20849	0.000199913
OVOS /// OVOS2	228245_PM_s_at	1.34766	0.000201549
SGTB	228745_PM_at	1.25745	0.000202839
LOC100134445	236841_PM_at	1.32452	0.00020325
ADARB1	203865_PM_s_at	-1.21412	0.000203791
PCDH12	219656_PM_at	1.23746	0.000204019
CRYM	205489_PM_at	-1.67336	0.000204519
ACP5	204638_PM_at	-1.65498	0.000204578
SLC38A3	205972_PM_at	-1.24087	0.000204648
SIK3	204155_PM_s_at	-1.20592	0.000205785
NRM	225592_PM_at	1.21823	0.000205786
SP4	236265_PM_at	1.22898	0.0002058
SGPP1	221268_PM_s_at	-1.42157	0.000205813
DDX26B	227485_PM_at	1.29577	0.000206901
SLC16A14	238029_PM_s_at	1.29647	0.000207077
OSCP1	227359_PM_at	-1.22485	0.000207094
ASL	204608_PM_at	-1.41061	0.000208755
ALDH3B1	205640_PM_at	-1.31375	0.00021028
ELF5	220624_PM_s_at	-1.50262	0.00021038
MTP18	223172_PM_s_at	-1.26553	0.000210414

PPP1R14B	212680_PM_x_at	1.21286	0.000210503
PCDHB14	231726_PM_at	1.23479	0.000210897
LOC100132741	1556402_PM_at	1.2336	0.000211512
SCN1B	205508_PM_at	1.40395	0.000211722
FOLR1	204437_PM_s_at	-1.29559	0.000211999
AHNAK2	212992_PM_at	1.38283	0.000213302
MED21	209362_PM_at	-1.28188	0.000213685
RUNX1T1	205528_PM_s_at	1.25488	0.000214005
ATP1B2	204311_PM_at	-1.25518	0.000214201
PTDSS2	221005_PM_s_at	-1.20203	0.000214629
ACMSD	230602_PM_at	-1.68303	0.000215125
FUT7	217696_PM_at	-1.22756	0.000215596
PRDX2	201006_PM_at	1.26843	0.000215747
KRT222	243998_PM_at	1.22644	0.000217108
AGTRAP	225059_PM_at	-1.27535	0.000220095
NUP85	218014_PM_at	1.22118	0.000220252
FRG1B	234949_PM_at	1.26465	0.000220639
RALB	202100_PM_at	-1.25831	0.000221709
RPL32P3	226877_PM_at	1.21048	0.000222752
ITPR2	202660_PM_at	-1.32726	0.000223398
LOC286434	222196_PM_at	1.37601	0.000224115
LOC646014	238715_PM_at	1.22947	0.000225242
ARL16	234972_PM_at	-1.2265	0.000226534
ODF2L	228577_PM_x_at	1.25034	0.000228288
FADS3	204257_PM_at	1.22508	0.000228402
ZNF581	223389_PM_s_at	1.23466	0.000228632
LOC113230	1558412_PM_at	-1.22902	0.000228657
KIAA0895	213424_PM_at	-1.32081	0.000228668
FAM109B	226504_PM_at	1.23027	0.000228785
EMCN	219436_PM_s_at	-1.31894	0.000230276
GMPR2	217990_PM_at	-1.23962	0.000233492
MTFMT	235689_PM_at	-1.23541	0.000234483
CSMD1	231223_PM_at	-1.25341	0.000234616
FUT8	203988_PM_s_at	1.20273	0.000236042

JAM3	212813_PM_at	1.22575	0.000236612
UBE2Q2	224747_PM_at	1.2094	0.00023695
DHDPSL	239093_PM_at	-1.52145	0.00023756
CYP11B2	214630_PM_at	-1.20831	0.000237763
TCL1A	209995_PM_s_at	1.32064	0.000238251
SDSL	228274_PM_at	-1.33393	0.000238504
SLC16A9	227506_PM_at	-1.72404	0.000239651
WASH1 /// WASH2P /// WASH3P /// WASH7P	225035_PM_x_at	1.24877	0.000240284
TOP2A	201291_PM_s_at	1.38816	0.000241074
SCLT1	236487_PM_at	1.23677	0.000242541
LOC100288007	215109_PM_at	1.2297	0.000242762
ELFN1	229581_PM_at	-1.24295	0.000243179
NKAIN4	228017_PM_s_at	1.57375	0.000243203
TM6SF1	219892_PM_at	1.47174	0.000244468
MRPL15	218027_PM_at	-1.23846	0.000245087
BTNL8 /// WASH3P	226340_PM_x_at	1.20509	0.000245788
NCAPG	218662_PM_s_at	1.23161	0.000250279
TCF15	207306_PM_at	-1.21655	0.000250716
SERTAD4	229674_PM_at	1.33531	0.000251737
SLC9A3R1	201349_PM_at	-1.44242	0.000252649
C5orf13	201309_PM_x_at	-1.34326	0.000254255
DAB2	201278_PM_at	-1.23883	0.000255212
ENAH	217820_PM_s_at	1.28519	0.000255351
PVRL3	213325_PM_at	-1.269	0.000256186
PBRM1	220355_PM_s_at	1.2519	0.00025644
COMMD10	218439_PM_s_at	-1.31771	0.000256897
LOC645638	229566_PM_at	1.27324	0.000257748
FCAMR	231496_PM_at	-1.73026	0.000260422
LRRC10B	236666_PM_s_at	-1.25711	0.000261051
PRDM2	203056_PM_s_at	1.21963	0.0002613
LOC100288496	215778_PM_x_at	-1.24748	0.000261383
BTAF1	209430_PM_at	1.22844	0.000262613
GJA1	201667_PM_at	1.38765	0.000262796
DCDC2	222925_PM_at	1.45265	0.000263376

GCM1	206269_PM_at	-1.23766	0.00026342
C12orf56	236840_PM_at	-1.27752	0.000265632
ID3	207826_PM_s_at	1.23694	0.00026571
XPO1	208775_PM_at	1.24094	0.000265757
TMEM181	225127_PM_at	1.31068	0.000265779
CXorf21	220252_PM_x_at	1.22624	0.000266633
GBA3	219954_PM_s_at	-1.64698	0.000268446
C17orf60	217513_PM_at	1.20931	0.000269294
ST6GALNAC3	235334_PM_at	-1.34605	0.000270025
MLXIP	202519_PM_at	1.23035	0.000270627
CDR2L	213230_PM_at	1.22699	0.000271086
ARSE	205894_PM_at	-1.69281	0.000271364
PRSS1 /// PRSS2 /// PRSS3	216470_PM_x_at	-1.24886	0.000273323
MSI2	225233_PM_at	-1.28655	0.000275436
ZNF345	207236_PM_at	1.26013	0.000275978
PTAFR	206278_PM_at	1.29752	0.000277233
JARID2	203297_PM_s_at	1.20415	0.000278797
C2orf54	220149_PM_at	-1.52508	0.000280509
TRIM4	223384_PM_s_at	1.20927	0.000280869
LNP1	227181_PM_at	-1.22245	0.000281305
ICOS	210439_PM_at	1.24406	0.000281898
MRPL39	218558_PM_s_at	-1.21212	0.000282319
LYAR	223413_PM_s_at	1.34702	0.000284108
MAP3K1	214786_PM_at	1.25451	0.000285195
NFAT5	208003_PM_s_at	1.48841	0.000291236
EBI3	219424_PM_at	1.20404	0.000291257
RP2	205191_PM_at	1.22277	0.000291544
BBS12	229603_PM_at	-1.31432	0.000291762
SKP2	203625_PM_x_at	1.22689	0.000293627
S100A14	218677_PM_at	1.36008	0.00029364
IFT57	218100_PM_s_at	-1.56091	0.000293658
CRB3	232609_PM_at	-1.20645	0.000294753
KLF9	203541_PM_s_at	-1.2472	0.000296671
MOBK1A	225997_PM_at	-1.20567	0.000297908

UBE2Z	217750_PM_s_at	1.26522	0.000298022
LOC100287896	1554609_PM_at	-1.21912	0.000299333
NOLC1	205895_PM_s_at	-1.2237	0.000300307
HEPH	203903_PM_s_at	1.43187	0.000301706
IER5L	226552_PM_at	1.20802	0.000302955
RABGAP1L	203020_PM_at	1.21724	0.000303283
DSEL	232235_PM_at	-1.27057	0.000304335
MKNK1	209467_PM_s_at	1.31022	0.000306539
HSPA4	208814_PM_at	-1.2525	0.000307486
ATP6V0D1	212041_PM_at	-1.27053	0.000307493
TRMT61B	221229_PM_s_at	-1.20929	0.000307862
NOV	204501_PM_at	1.49416	0.000308081
GMPR	204187_PM_at	-1.30142	0.000309501
SULT1C2	205342_PM_s_at	-1.43661	0.00031015
MGA	212945_PM_s_at	1.28082	0.000310306
MRPL13	218049_PM_s_at	-1.24826	0.000311911
ARHGEF10	215139_PM_at	1.20382	0.000312497
NBPF10 /// NBPF15 /// NBPF16	201103_PM_x_at	1.2021	0.000312989
STK32B	219686_PM_at	-1.35072	0.000313019
SLC22A12	237799_PM_at	-1.69808	0.000314462
SYT17	205613_PM_at	-1.24606	0.000315596
FAM60A /// LOC728115	223038_PM_s_at	1.38544	0.00031669
PRAP1	243669_PM_s_at	-1.77682	0.000318173
HRASLS5	231050_PM_at	-1.20028	0.000318234
NPY1R	205440_PM_s_at	1.32788	0.000318273
LOC729222 /// PPFIBP1	214375_PM_at	1.46834	0.000319909
CD37	204192_PM_at	1.20954	0.00032009
RNFT1	221194_PM_s_at	-1.26322	0.000323411
HOXD4 /// MIR10B	205522_PM_at	-1.21984	0.000326965
GHDC	227159_PM_at	-1.23542	0.00032728
TICAM2 /// TMED7-TICAM2	228234_PM_at	1.22058	0.000330032
RHOF	219045_PM_at	1.20091	0.000330067
MUC1	207847_PM_s_at	1.50335	0.00033082
EFHD2	217992_PM_s_at	1.21937	0.000331531

SSTR1	235591_PM_at	-1.27614	0.000331609
TOX3	214774_PM_x_at	-1.44189	0.000332739
STIP1	212009_PM_s_at	-1.25495	0.000333301
STK16	209622_PM_at	-1.23416	0.000334075
MAP3K13	206249_PM_at	-1.28101	0.000337012
PLXDC1	214081_PM_at	1.28705	0.000337844
HACE1	227471_PM_at	-1.29556	0.000338458
DHPS	202802_PM_at	-1.21638	0.000342856
WDR81	226738_PM_at	-1.20042	0.000342978
LOC399491	214682_PM_at	1.25009	0.000342986
SLC15A2	205316_PM_at	-1.22205	0.000343464
GJC1	228563_PM_at	1.29835	0.000343923
SERPINH1	207714_PM_s_at	1.46467	0.000344811
NCS1	218266_PM_s_at	-1.20705	0.000346209
LOC100288679	217079_PM_at	-1.20253	0.00034762
TMEM45A	219410_PM_at	1.54349	0.000348125
TMED5	202194_PM_at	-1.23007	0.000348284
LPL	203548_PM_s_at	-1.6306	0.000351088
FAM122B	222673_PM_x_at	1.2201	0.000351927
ZNF264	205917_PM_at	1.28564	0.000351948
MAX	208403_PM_x_at	-1.29263	0.000352089
SLC26A4	206529_PM_x_at	-1.51006	0.00035347
BAG1	202387_PM_at	-1.22488	0.000353613
SC65	204078_PM_at	1.24405	0.000355807
DEFB1	210397_PM_at	-1.5483	0.000357288
NCRNA00086 /// NCRNA00087	227909_PM_at	-1.33872	0.00035752
NINJ2	219594_PM_at	1.36772	0.000357565
CCBE1	229641_PM_at	-1.22385	0.000359175
FXYD6	217897_PM_at	1.20869	0.000362703
KBTBD11	204301_PM_at	-1.29355	0.000365912
ProSAPiP1	204447_PM_at	-1.27123	0.000368022
UBE2C	202954_PM_at	1.33905	0.000371621
LOC100288152	226125_PM_at	1.30314	0.000372271
CCDC152	237475_PM_x_at	1.29599	0.000374109

PON3	213695_PM_at	-1.37902	0.000375071
ARRDC3	224797_PM_at	-1.20867	0.00037538
ITGBL1	205422_PM_s_at	1.46467	0.000375562
ODZ2	231867_PM_at	-1.26975	0.00037603
TMEM99	226565_PM_at	-1.24861	0.000376735
NUDT16	228341_PM_at	-1.33182	0.000378032
SSFA2	202506_PM_at	-1.22191	0.000378697
IGHA1 /// IGHV4-31 /// LOC100290006	234477_PM_at	1.25453	0.000379918
GPR124	221814_PM_at	1.28665	0.000381274
TNFRSF21	214581_PM_x_at	-1.3576	0.00038593
IL34	237046_PM_x_at	-1.25125	0.000386628
GPX3	201348_PM_at	-1.49302	0.000387753
FAM89A	226448_PM_at	1.24038	0.000387836
CD8B	207979_PM_s_at	1.20183	0.000388914
MAN1A1	208116_PM_s_at	-1.23889	0.000390394
FBXO8	223240_PM_at	-1.20508	0.000391398
ACTR3	200996_PM_at	1.21429	0.000392185
PCDH20	232054_PM_at	1.27447	0.000392325
SLC33A1	203164_PM_at	-1.25714	0.00039474
MNS1	219703_PM_at	1.35899	0.00039517
PTP4A3	206574_PM_s_at	1.44404	0.000395398
NEFH	204412_PM_s_at	-1.33658	0.00039629
TXLNA	212300_PM_at	1.22112	0.000397036
MEIS3P1	214077_PM_x_at	1.23601	0.000399117
BZW1 /// BZW1L1	200776_PM_s_at	-1.25957	0.000400512
MFSD10	209215_PM_at	1.20145	0.00040649
UGT1A6	206094_PM_x_at	-1.5479	0.00040725
IQGAP1	200791_PM_s_at	1.27777	0.000408164
FAM174A	226752_PM_at	-1.20108	0.000412229
RGS16	209324_PM_s_at	1.22024	0.00041638
HTR2B	206638_PM_at	1.54295	0.000418817
VPS8	209553_PM_at	1.21706	0.000419455
ARG2	203945_PM_at	-1.41388	0.000423244
PEX12	205094_PM_at	-1.26196	0.000424026

CYP4A11	207407_PM_x_at	-1.60918	0.000426046
UBE2J1	217823_PM_s_at	1.21657	0.000434526
SPEF2	232745_PM_x_at	-1.21095	0.000438957
ARVCF	205784_PM_x_at	-1.21306	0.000442089
GLCCI1	225700_PM_at	1.20377	0.000443964
LOC144571	1564139_PM_at	1.25076	0.000446166
SYCP2	206546_PM_at	-1.40327	0.00045067
FCRL1	235982_PM_at	1.24383	0.000451529
IFIT3	204747_PM_at	1.26327	0.000452113
TMEM151A	235614_PM_at	-1.22542	0.000454619
SNAP23	209130_PM_at	-1.43244	0.000455134
KIF20A	218755_PM_at	1.22675	0.000455825
LOC146336	1557146_PM_a_at	1.2225	0.000460177
SORCS2	228720_PM_at	-1.27749	0.000460228
SFTA2	244056_PM_at	1.31091	0.000460263
RBM20	238763_PM_at	-1.24137	0.000461739
C9orf46	218992_PM_at	-1.20157	0.000462534
RAB20	219622_PM_at	1.25086	0.000462589
COTL1	221059_PM_s_at	-1.29286	0.000462725
AGAP1	204066_PM_s_at	-1.28541	0.000464042
HS2ST1 /// LOC339524	215039_PM_at	1.36357	0.000465014
SF3A2	37462_PM_i_at	1.39593	0.000465067
TTYH3	224674_PM_at	-1.30641	0.000466212
PC	204476_PM_s_at	-1.61482	0.000478271
GCLM	203925_PM_at	-1.27251	0.000478277
TMEM119	227300_PM_at	1.36412	0.000478485
THAP9	230185_PM_at	-1.27122	0.000481237
RAD51AP1	204146_PM_at	1.22232	0.000483207
CD99	201028_PM_s_at	1.26956	0.000483608
SLC3A1	205799_PM_s_at	-1.39955	0.000484258
IL15	205992_PM_s_at	1.25426	0.000486082
BAT2L2	211944_PM_at	1.24258	0.00048656
NUDT1	204766_PM_s_at	1.22169	0.000489266
ADORA2A /// CYTSA	205013_PM_s_at	1.25925	0.000489279

NEDD1	234984_PM_at	1.20433	0.000492732
SLC6A12	206058_PM_at	-1.34678	0.000498826
FGFR4	204579_PM_at	-1.22154	0.000499994
TTY9A /// TTY9B	211460_PM_at	-1.21959	0.000501303
MLST8	220587_PM_s_at	-1.21846	0.000502465
SH2B2	205367_PM_at	1.22196	0.000503134
CRTC2	226307_PM_at	1.22675	0.000503259
PTRF	208789_PM_at	1.35268	0.000509067
LOC100130232	239860_PM_at	-1.64142	0.000512112
TFDP2	203588_PM_s_at	-1.20397	0.000512316
MCM2	202107_PM_s_at	1.22143	0.000514615
CAPG	201850_PM_at	1.25718	0.000517121
CTSG	205653_PM_at	1.25556	0.000518477
PABPC1L	226670_PM_s_at	1.27711	0.000519236
SYAP1	225154_PM_at	-1.30595	0.000520142
DOK6	231980_PM_at	-1.23167	0.000521403
MIA2	221177_PM_at	-1.38256	0.000521589
CRIP2	208978_PM_at	1.34538	0.000523084
GLB1L2	213713_PM_s_at	-1.33711	0.000526169
TBC1D7	223461_PM_at	-1.2018	0.000528632
CLC	206207_PM_at	1.27471	0.000531445
TRPV1	219632_PM_s_at	-1.24289	0.000532183
SLC38A11	243231_PM_at	-1.38974	0.000533308
APLP2	208248_PM_x_at	-1.2276	0.000533638
ITPR1	203710_PM_at	-1.4512	0.000537689
PRMT10	228536_PM_at	-1.26616	0.000539274
LOC399904	213740_PM_s_at	-1.2073	0.000541056
C15orf5	208109_PM_s_at	1.33257	0.000541297
MCL1	200796_PM_s_at	1.28934	0.000541561
CEP55	218542_PM_at	1.2065	0.000543877
PPP2R3C	218852_PM_at	1.239	0.000544244
MESDC1	223264_PM_at	1.20652	0.000546363
CIDEB	221188_PM_s_at	-1.33636	0.000550025
LIPC	206606_PM_at	-1.42294	0.000551022

C20orf108	224693_PM_at	-1.33788	0.000551028
LOC100288939	215287_PM_at	1.20335	0.000551162
KDM5B	201548_PM_s_at	1.20677	0.000551214
LOC100290714 /// MGC72080 /// OR7E35P /// OR7E37P	217499_PM_x_at	-1.21241	0.000555655
C11orf93	228338_PM_at	-1.20862	0.000558683
G3BP2	206383_PM_s_at	-1.20809	0.000560539
FAS	204780_PM_s_at	1.33491	0.00056096
LOC100288316	228319_PM_at	-1.22641	0.000560977
VTN	204534_PM_at	-1.24989	0.000561181
MRPS10	222522_PM_x_at	-1.3048	0.000561697
ZNF638	211257_PM_x_at	1.30822	0.00056878
SLC22A24	1553923_PM_at	-1.44064	0.000569422
GMCL1	218458_PM_at	-1.23464	0.000574208
CD164	208405_PM_s_at	-1.28762	0.000574731
F3	204363_PM_at	-1.26801	0.000575093
RBP5	223820_PM_at	-1.53031	0.000578507
CSTF1	202190_PM_at	-1.22563	0.000580336
SNPH	205104_PM_at	-1.21048	0.000582526
PALM3	231018_PM_at	-1.38463	0.000582627
CD151	204306_PM_s_at	1.22249	0.00059124
UGT1A1 /// UGT1A10 /// UGT1A3 /// UGT1A4 /// UGT1A5 /// UC	208596_PM_s_at	-1.71771	0.000592473
RNF128	219263_PM_at	-1.36063	0.000594008
PTAR1	226110_PM_at	-1.34044	0.000598369
UBE2N	201523_PM_x_at	-1.24187	0.000598665
CHCHD10	224932_PM_at	-1.26707	0.000598762
ZNF323	222016_PM_s_at	-1.22307	0.000599891
MASTL	228468_PM_at	1.20646	0.000601195
BEND7	227341_PM_at	-1.23847	0.000608811
LIMCH1	212325_PM_at	-1.28975	0.000611232
PPIL4 /// ZC3H12D	1559263_PM_s_at	1.35793	0.000611714
ATF7IP	207728_PM_at	1.24687	0.00061756
RLN2	214519_PM_s_at	1.25096	0.000618329
RBP4	219140_PM_s_at	-1.53453	0.000618368
MLL5	223189_PM_x_at	1.24095	0.000620089

CXCL5	214974_PM_x_at	1.21311	0.000620456
MAN1C1	214180_PM_at	-1.24233	0.000622604
HAPLN3	227262_PM_at	1.20589	0.000623992
NAT8 /// NAT8B	206963_PM_s_at	-1.6365	0.000626109
LRCH3	214739_PM_at	1.28143	0.000632725
LOC10431 /// TIMM23 /// TIMM23B	218119_PM_at	-1.37961	0.000633517
WARS2	218766_PM_s_at	-1.23132	0.000640454
GSTO2	227163_PM_at	-1.33218	0.000641518
TTC14	225178_PM_at	1.24572	0.000641554
MMRN1	205612_PM_at	1.30255	0.000654252
CLDN10	205328_PM_at	-1.29448	0.000656606
TIMP2	203167_PM_at	1.31247	0.000658388
ABHD12	224742_PM_at	-1.23922	0.000661827
MTMR15	203678_PM_at	-1.2087	0.000662061
USP34	207365_PM_x_at	1.28415	0.000663382
SSC5D	230228_PM_at	-1.20494	0.000665892
PMCH	206942_PM_s_at	1.27403	0.000666243
LOC729839	236692_PM_at	1.20059	0.000666261
FGFR1	207822_PM_at	1.21853	0.000666424
FERMT1	218796_PM_at	-1.34018	0.000666483
MDK	209035_PM_at	1.21393	0.000668647
ANXA8 /// ANXA8L1 /// ANXA8L2	203074_PM_at	-1.29503	0.000671314
CD83	204440_PM_at	-1.26803	0.000674154
TMEM100	219230_PM_at	1.29107	0.000674245
PRR11	219392_PM_x_at	1.24213	0.000676247
LRRC2	219949_PM_at	-1.37375	0.000677491
LSP1	203523_PM_at	1.21902	0.000679107
KIAA1199	212942_PM_s_at	1.31086	0.000679968
SEMA4G	219194_PM_at	-1.22343	0.00068004
ALDH1A3	203180_PM_at	1.49867	0.000684946
GBP3	223434_PM_at	1.46081	0.0006903
LOC100294335	229821_PM_at	1.26276	0.000693212
SLC4A4	203908_PM_at	-1.58358	0.000694422
LPXN	216250_PM_s_at	1.21389	0.000696334

TTF2	204407_PM_at	1.20232	0.0006976
GFPT2	205100_PM_at	1.36174	0.000700221
C12orf59	236646_PM_at	-1.62272	0.000700304
ANXA13	208323_PM_s_at	-1.44465	0.000701695
SOX6	223865_PM_at	-1.27102	0.000707341
DUSP7	213848_PM_at	1.21093	0.000708226
EPN3	220318_PM_at	-1.21544	0.000708562
FSTL1	208782_PM_at	1.33966	0.000710441
CALD1	201615_PM_x_at	1.20809	0.000719137
FARP1	201910_PM_at	-1.28959	0.000719632
ASPN	219087_PM_at	-1.59393	0.000720725
SCN3A	210432_PM_s_at	1.31801	0.000728073
RECQL	205091_PM_x_at	1.21909	0.000728213
RCBTB1	218352_PM_at	-1.24864	0.000728241
PPL	203407_PM_at	1.31233	0.000734358
BMPR1B	210523_PM_at	-1.36988	0.000734673
RBBP8	203344_PM_s_at	1.26061	0.000734709
SULF1	212344_PM_at	1.44194	0.000743348
CAPN8	229030_PM_at	1.24395	0.000744457
DENND1C	221080_PM_s_at	1.23391	0.000745534
SDC2	212154_PM_at	-1.41517	0.000745864
C15orf29	218791_PM_s_at	1.20497	0.000750754
PLEKHM2	212146_PM_at	1.20362	0.000758012
RBBP5	205169_PM_at	-1.20153	0.000771121
ZNF692	220661_PM_s_at	1.20439	0.00077146
AASS	210852_PM_s_at	-1.30474	0.00077218
AKAP5	230846_PM_at	1.21383	0.000772752
CA4	206208_PM_at	-1.52956	0.000776707
PCDH10	228635_PM_at	1.35258	0.000785136
CALR	200935_PM_at	1.24885	0.000792404
ASNA1	202024_PM_at	-1.23826	0.000793411
C5orf28	219029_PM_at	1.35825	0.000794319
RBM1A1 /// RBMY1D	208307_PM_at	-1.23166	0.000794533
FLVCR1	222906_PM_at	1.21119	0.000795781

ORMDL1	223187_PM_s_at	1.26339	0.00079777
C5orf62	223276_PM_at	1.24038	0.000799896
CYP24A1	206504_PM_at	-1.63264	0.000804462
CDK2AP2	203252_PM_at	1.26569	0.000808206
TP53INP2	224836_PM_at	-1.2052	0.000808272
ZNF559	224518_PM_s_at	1.26681	0.000812054
BCLAF1	201083_PM_s_at	1.2629	0.000813881
PHF19	225533_PM_at	1.20966	0.000816127
SLC2A10	221024_PM_s_at	1.33912	0.000816255
ATP1B1	201242_PM_s_at	-1.22366	0.00082185
ZDHC11	221646_PM_s_at	-1.22545	0.000822408
PPP1R14A	227006_PM_at	1.29047	0.000823517
IGDCC4	227870_PM_at	1.54063	0.000825591
SLC22A18	204981_PM_at	-1.38931	0.000827943
ISLR	207191_PM_s_at	1.36569	0.000827964
JAM2	219213_PM_at	1.41805	0.000835076
ZNF292	212366_PM_at	1.21089	0.000838173
CTSA	200661_PM_at	-1.20197	0.000844482
ZBTB8A	235142_PM_at	1.27359	0.000847154
PADI2	209791_PM_at	-1.22499	0.000848105
TIE1	204468_PM_s_at	1.2796	0.000852339
ZBTB44	220243_PM_at	-1.34741	0.000856193
PIK3C2B	204484_PM_at	1.20791	0.00085622
ZBTB38	219221_PM_at	1.23285	0.000858724
CES1	209616_PM_s_at	1.4015	0.000868457
NDRG2	206453_PM_s_at	-1.32309	0.000872815
UBB	217144_PM_at	-1.20331	0.000873055
CTHRC1	225681_PM_at	2.04559	0.000880951
LOC100132787 /// RNF212	236454_PM_at	-1.24785	0.000884677
ACTR3C	223874_PM_at	-1.24849	0.000899253
UBE2B	202333_PM_s_at	-1.20169	0.000901687
TM4SF18	228489_PM_at	1.2305	0.000902448
SLC20A2	202744_PM_at	-1.25574	0.000907545
FBXW12	215600_PM_x_at	1.23031	0.000907827

SKI	204270_PM_at	1.25123	0.000913325
FKBP4	200894_PM_s_at	-1.30609	0.000920759
MUDENG	218139_PM_s_at	-1.30725	0.000922892
VAMP3	201337_PM_s_at	-1.55405	0.000923867
BECN1	208945_PM_s_at	-1.25198	0.000930129
LOC348751	1556667_PM_at	-1.28685	0.000933374
KDELC1	219479_PM_at	1.2507	0.000939387
RICTOR	226310_PM_at	1.27717	0.000941479
PDE2A	204134_PM_at	1.22996	0.000943287
TAF15	202840_PM_at	1.35486	0.00094435
GORAB	226337_PM_at	1.21647	0.000952045
TYMS	202589_PM_at	-1.26784	0.0009592
KLHL8	226874_PM_at	-1.21131	0.0009599
FAM98A	212333_PM_at	1.207	0.000960542
SNX30	226249_PM_at	-1.25437	0.00096404
LOC283663	230245_PM_s_at	1.22859	0.000967599
FAM161B	242608_PM_x_at	1.20821	0.00096932
ZMYND11	202136_PM_at	-1.40636	0.000970144
TMEM135	222209_PM_s_at	-1.27518	0.000985031
GAS7	202191_PM_s_at	1.27233	0.000996246
FAM13AOS	1558711_PM_at	1.23799	0.000999576
FAM101B	226876_PM_at	1.24098	0.001002565
SLC22A5	205074_PM_at	-1.32726	0.001002686
TFEC	206715_PM_at	-1.50467	0.001018113
DAZAP2	200794_PM_x_at	-1.37648	0.00102073
APH1A	218389_PM_s_at	-1.33015	0.00102333
ENSA	202596_PM_at	-1.20619	0.001024095
IPW	213447_PM_at	-1.23008	0.001024196
PTPLAD2	244050_PM_at	1.25249	0.001024859
CD24	208650_PM_s_at	1.26957	0.001026858
SLC16A1	202234_PM_s_at	-1.29087	0.001033333
HOXD4	1552337_PM_s_at	-1.25715	0.001033528
UEVLD	220775_PM_s_at	-1.31874	0.001040727
EEF1A2	204540_PM_at	-1.2151	0.001041662

CDC42SE2	224709_PM_s_at	1.24729	0.001042652
TBC1D24	227632_PM_at	-1.22918	0.001044467
HSD11B1	205404_PM_at	1.28822	0.001045863
LYPD1	212909_PM_at	1.21703	0.001055842
COMTD1	226870_PM_at	-1.2143	0.001061716
TNFSF10	202687_PM_s_at	1.20594	0.001079667
TCN2	204043_PM_at	-1.28745	0.001090461
SLC47A1	219525_PM_at	-1.48428	0.001099293
C15orf52	227272_PM_at	1.28094	0.001101675
HBG1 /// HBG2	204419_PM_x_at	-1.33791	0.001105157
SLC5A9	232378_PM_at	-1.50224	0.001106305
PDGFC	218718_PM_at	-1.29732	0.001109005
TDRD7	213361_PM_at	1.21607	0.001111462
C1orf43	223034_PM_s_at	-1.60134	0.00111274
C21orf7	221211_PM_s_at	1.30003	0.001116896
ADK	204119_PM_s_at	-1.28024	0.001117006
PELI2	219132_PM_at	-1.27238	0.001119718
PAQR7	242123_PM_at	-1.29822	0.001119944
PFKL	201102_PM_s_at	-1.21279	0.001135519
KRT23	218963_PM_s_at	1.24668	0.001137945
C2orf74	1568658_PM_at	-1.26972	0.00114177
HGS	210428_PM_s_at	1.30432	0.001145507
C11orf52	238805_PM_at	-1.28291	0.001145955
PODXL	201578_PM_at	-1.26976	0.001147465
LOC100287237	1563431_PM_x_at	1.35177	0.001152976
LHPP	218523_PM_at	-1.2647	0.001159132
PPARG	208510_PM_s_at	-1.23443	0.001159764
RPL38	202028_PM_s_at	1.28209	0.001164819
RAB4A	203581_PM_at	-1.2096	0.001166254
LOC441453	217551_PM_at	-1.26905	0.001178229
TNFSF11	210643_PM_at	1.20443	0.001189124
EMP1	201324_PM_at	1.26057	0.001195247
PIR	207469_PM_s_at	-1.27797	0.00119904
LOC643008	229740_PM_at	-1.3195	0.001199272

DNAJB4	203810_PM_at	-1.25404	0.001199287
IFFO1	209721_PM_s_at	1.20026	0.001201797
NONO	208698_PM_s_at	-1.23974	0.001206169
OGDHL	219277_PM_s_at	-1.39419	0.001215448
MOGAT1	1553062_PM_at	-1.21837	0.00122235
GPATCH8	212485_PM_at	1.21142	0.001227981
IL18	206295_PM_at	1.27932	0.001258591
KIAA1543	226494_PM_at	-1.23676	0.001271003
UFM1	218050_PM_at	1.20164	0.001274995
PMS2L2	214757_PM_at	1.23519	0.001279259
SGK494	244547_PM_at	-1.25852	0.001281141
MVP	202180_PM_s_at	1.23114	0.001288048
BBC3	211692_PM_s_at	-1.22354	0.001289874
PIGB	205452_PM_at	-1.20447	0.001290666
S100B	209686_PM_at	1.23433	0.001292178
CPEB1	219578_PM_s_at	-1.21255	0.001293778
C14orf1	202562_PM_s_at	-1.40217	0.00129456
CNN1	203951_PM_at	1.44936	0.001300656
FAM119B	213861_PM_s_at	-1.27303	0.001306191
STRAP	1558002_PM_at	1.28826	0.001313358
OAT	201599_PM_at	-1.23917	0.001315471
SLC30A2	224485_PM_s_at	-1.29143	0.00132144
CLIC5	213317_PM_at	-1.22764	0.001332486
FAM45A /// FAM45B	222955_PM_s_at	-1.38078	0.001347745
UNC5D	231325_PM_at	-1.27091	0.001353589
LOC100131993	230292_PM_at	1.30542	0.001356218
ENPEP	204844_PM_at	-1.50235	0.001359199
C5	205500_PM_at	-1.30577	0.001370133
IDH3A	202069_PM_s_at	-1.22047	0.001370822
NOTCH2	202443_PM_x_at	1.20037	0.00137169
ATF7	228829_PM_at	-1.22027	0.00137225
TMTC3	226600_PM_at	-1.24961	0.001373819
MT1G	204745_PM_x_at	-1.29741	0.001384001
ALDH1L2	231202_PM_at	1.32428	0.001390982

FRMD6	225464_PM_at	1.37912	0.001403917
CEACAM1	206576_PM_s_at	-1.26354	0.001406247
EMILIN1	204163_PM_at	1.22485	0.001407084
UMPS	202706_PM_s_at	-1.21594	0.00141048
TCEAL3	227279_PM_at	1.20441	0.001419399
CELSR1	41660_PM_at	-1.2548	0.001463077
PPAPDC3	224506_PM_s_at	-1.27723	0.001477777
MINA	213188_PM_s_at	-1.2034	0.001488725
TIMD4	1552280_PM_at	1.24248	0.001488877
IL6R	205945_PM_at	1.27963	0.001519433
ROBO3	219550_PM_at	1.20717	0.001523164
CACNA2D3	219714_PM_s_at	1.22706	0.001523663
KIF21A	226003_PM_at	-1.23936	0.001533657
GPR143	206696_PM_at	1.22996	0.001533861
HBB	209116_PM_x_at	-1.51593	0.001535217
NUDT14	231914_PM_at	-1.21521	0.001540003
KCNJ8	205303_PM_at	1.36414	0.001565804
PLA2G4F	235958_PM_at	-1.20887	0.001581745
PDGFA	205463_PM_s_at	1.22963	0.001585653
CPVL	208146_PM_s_at	1.24298	0.001592341
DUSP15	230402_PM_at	-1.25666	0.001593341
C4orf49	223734_PM_at	-1.27535	0.00159335
PDP2	232861_PM_at	-1.27595	0.001593484
ARPC3	208736_PM_at	1.40602	0.00160704
RAMP1	204916_PM_at	1.2756	0.001608243
AQP2	206672_PM_at	-1.53499	0.001628006
GLS	203157_PM_s_at	-1.28113	0.001643793
GLIS3	229435_PM_at	1.25128	0.001645123
GUSBP3	215599_PM_at	1.26758	0.00164955
AP1S1	205195_PM_at	-1.35299	0.001662958
LSR	208190_PM_s_at	1.20665	0.001680295
UPK1B	210064_PM_s_at	-1.28753	0.001681116
C1orf210	1554246_PM_at	-1.36294	0.001690906
ANKRD10	218093_PM_s_at	1.29656	0.001692306

NPHS2	220424_PM_at	-1.75136	0.001692496
CLINT1	201768_PM_s_at	-1.2253	0.001699334
LOC283392	1560697_PM_at	-1.31583	0.001731388
MMP1	204475_PM_at	1.23452	0.00175927
DDIT4	202887_PM_s_at	1.2672	0.001759498
VHL	1559227_PM_s_at	1.22635	0.001759608
C2orf43	219008_PM_at	-1.26502	0.001774072
C1orf85	225401_PM_at	-1.23441	0.001776779
TIMP4	206243_PM_at	1.23946	0.001791653
POR	208928_PM_at	-1.24755	0.001801541
STAT5A	203010_PM_at	1.21121	0.001814186
GALNT12	218885_PM_s_at	-1.22793	0.001815295
GREM1	218468_PM_s_at	1.44182	0.001816782
GOLGA6L5 /// GOLGA6L9	213212_PM_x_at	1.25144	0.001821756
GC	204965_PM_at	-2.25464	0.001822653
RAB18	223336_PM_s_at	-1.26312	0.001830832
WIPF1	202664_PM_at	1.20433	0.001837248
DYNLRB2	238116_PM_at	-1.34089	0.001837936
NCOA3	207700_PM_s_at	1.22631	0.001845744
KCNK1	204678_PM_s_at	-1.28294	0.00184992
SUZ12 /// SUZ12P	213971_PM_s_at	1.2362	0.001852111
MGST1	224918_PM_x_at	-1.38984	0.001868926
HLA-DQB2	215536_PM_at	1.21299	0.001896487
NAT8	210289_PM_at	-1.58083	0.001904513
TRIM54	233669_PM_s_at	-1.21865	0.001912297
FOLR3	206371_PM_at	-1.2105	0.001915036
ETNK1	219017_PM_at	-1.36745	0.001916763
C9orf150	227443_PM_at	1.24774	0.001919073
CLDN16	220332_PM_at	-1.67219	0.001921621
EFHD1	209343_PM_at	-1.27627	0.001943683
PHKA1	205450_PM_at	-1.20002	0.001955176
SCOC	223341_PM_s_at	-1.40336	0.001963194
CD28	206545_PM_at	1.21812	0.001974151
RNF146	221430_PM_s_at	-1.2383	0.002028579

USP18	219211_PM_at	1.2746	0.002033737
ATP12A	207367_PM_at	-1.25618	0.002063884
AMPH	205257_PM_s_at	-1.24936	0.002073963
CHODL	219867_PM_at	1.37396	0.002074898
TEAD4	204281_PM_at	1.26848	0.002082774
PLCXD3	230081_PM_at	-1.33244	0.002094798
RFNG	212968_PM_at	-1.2042	0.002115494
NAAA	214765_PM_s_at	-1.22756	0.002120355
AGA	204332_PM_s_at	-1.27879	0.002123224
FXD3	202488_PM_s_at	1.2108	0.002131303
ZDHHC14	219247_PM_s_at	1.21635	0.002132067
PTPN11	205868_PM_s_at	-1.39057	0.002148721
KLRF1	220646_PM_s_at	1.26179	0.002152591
LOC729799	217667_PM_at	1.2012	0.00215484
NME5	206197_PM_at	-1.27543	0.002165516
SLC16A4	205234_PM_at	-1.29961	0.002166873
PCOLCE	202465_PM_at	1.39437	0.002172129
UGT1A1 /// UGT1A10 /// UGT1A4 /// UGT1A6 /// UGT1A8 /// UC	204532_PM_x_at	-1.5447	0.002186679
GPX7	213170_PM_at	1.23252	0.002189744
TPK1	221218_PM_s_at	1.22002	0.002200559
PABPC4L	238865_PM_at	1.22029	0.002206482
LOC728264	227183_PM_at	1.3062	0.002220178
PSEN1	203460_PM_s_at	-1.21361	0.002222764
ROD1	207223_PM_s_at	1.24193	0.002228822
PPP1R12A	201602_PM_s_at	1.229	0.002237652
TMEM27	223784_PM_at	-1.4998	0.002245768
ACLY	201127_PM_s_at	-1.24283	0.002301382
APOA2	219465_PM_at	-1.26303	0.002332218
PCDHB5	223629_PM_at	1.23591	0.002344549
PRSS23	202458_PM_at	1.20162	0.002349864
LOC100302650	1568768_PM_s_at	1.20417	0.002352375
HMG5	221606_PM_s_at	-1.27949	0.00235799
C1orf114	206721_PM_at	-1.24432	0.002359984
SDC1	201286_PM_at	-1.35367	0.002384329

KANK4	229125_PM_at	-1.22988	0.002415064
IPO11 /// LRRC70	238488_PM_at	1.23893	0.002416947
C5orf24	224875_PM_at	-1.30191	0.002418415
B3GALNT1	211379_PM_x_at	-1.20652	0.002419692
HCFC1R1	218537_PM_at	1.20127	0.002432322
FLJ10038	205510_PM_s_at	1.20769	0.002502642
TMEFF2	223557_PM_s_at	1.2365	0.002509845
ZSWIM6	226208_PM_at	1.20311	0.002514422
HLA-DQA1	203290_PM_at	1.8608	0.002519433
CHKB-CPT1B /// CPT1B	210069_PM_at	1.2836	0.002525031
ELMO3	219411_PM_at	-1.20762	0.002529893
FAM118A	219629_PM_at	1.22824	0.002531389
EDNRA	204463_PM_s_at	1.22362	0.002537007
KIAA0802	213358_PM_at	1.26609	0.002538084
CD200	209582_PM_s_at	1.2233	0.002546395
GRB14	206204_PM_at	-1.31095	0.002567144
PRSS8	202525_PM_at	-1.32761	0.002570221
IPO13	203546_PM_at	-1.23038	0.002570597
OCIAD2	225314_PM_at	-1.21726	0.002570748
C22orf41	239854_PM_at	1.22002	0.002603549
TACSTD2	202286_PM_s_at	1.42462	0.00260966
CNTN3	229831_PM_at	-1.27232	0.00261298
PTPN3	203997_PM_at	-1.20591	0.002618937
BEX2	224367_PM_at	-1.24785	0.002621385
TSPAN6	209108_PM_at	-1.21882	0.002626003
PGAM2	205736_PM_at	-1.47561	0.002683418
PCK1	208383_PM_s_at	-1.61594	0.002689379
ACSM2A /// ACSM2B /// LOC100291873	214069_PM_at	-1.5482	0.002701105
GRINA	212090_PM_at	-1.20841	0.002707295
HMGCS2	204607_PM_at	-1.52133	0.002733614
NEK6	223158_PM_s_at	-1.23128	0.002816536
IGFBP3	210095_PM_s_at	-1.28866	0.002853198
ERP27	227450_PM_at	-1.31939	0.002861973
NAT14	223284_PM_at	1.23547	0.002880953

LGALS2	208450_PM_at	-1.43752	0.002885879
TMEM38A	222896_PM_at	-1.36288	0.002893582
HECTD2	227568_PM_at	1.32665	0.002902859
ALDH1A1	212224_PM_at	-1.29349	0.00293175
B3GNT2	219326_PM_s_at	-1.2231	0.002948154
HLA-DRB4	209728_PM_at	1.60038	0.002956019
ZNRF3	226360_PM_at	-1.23432	0.002966673
ITGA8	214265_PM_at	1.30141	0.002971251
FGF13	205110_PM_s_at	1.21066	0.002983506
MSH6	202911_PM_at	-1.31531	0.002991879
ATP8A1	213106_PM_at	1.20268	0.003018739
HNRNPA1	214280_PM_x_at	1.28806	0.003022873
C1orf63	209006_PM_s_at	1.26174	0.003035096
C16orf89	229177_PM_at	-1.358	0.003043203
LOC100170939	214850_PM_at	1.24963	0.003051338
TRIM73	1554250_PM_s_at	1.23126	0.003054792
TPPP3	218876_PM_at	-1.26619	0.003078072
SUCNR1	223939_PM_at	-1.4423	0.003089811
PLEKHH2	227148_PM_at	1.21951	0.003095521
TSPAN12	219274_PM_at	-1.29908	0.003108175
PEMT	207621_PM_s_at	-1.21554	0.003136735
LACTB	226354_PM_at	-1.33458	0.003152487
SNORD123	227655_PM_at	-1.20522	0.003164656
PDZK1	205380_PM_at	-1.36078	0.003178619
LOH3CR2A	220244_PM_at	1.21624	0.003179418
CARM1	212512_PM_s_at	1.22041	0.003197268
FUS	200959_PM_at	1.27097	0.00319985
TSKU	218245_PM_at	-1.31878	0.003225295
PLCD4	224505_PM_s_at	-1.28194	0.003233175
PTH1R	205911_PM_at	-1.4163	0.003264321
SWAP70	209306_PM_s_at	1.25972	0.003305895
AGT	202834_PM_at	-1.45592	0.003313727
APLNR	213592_PM_at	-1.29732	0.0033297
OSBPL3	209626_PM_s_at	1.22674	0.003355363

PTGDS	211663_PM_x_at	1.29081	0.003391895
SLC22A2	207429_PM_at	-1.40217	0.003406284
SCAMP1	206667_PM_s_at	-1.27648	0.003408561
OAS1	202869_PM_at	1.28572	0.003428827
COG6	225769_PM_at	-1.20266	0.003430416
GLDC	204836_PM_at	-1.34639	0.003437043
TM4SF1	209386_PM_at	1.27258	0.00344933
NEURL1B	225355_PM_at	1.33354	0.003466351
CHI3L1	209395_PM_at	-1.46325	0.003522029
LOC150759	213703_PM_at	1.42183	0.0035263
CYP4A22	217319_PM_x_at	-1.63031	0.003528079
DNAJB14	219237_PM_s_at	1.20299	0.0035708
PRKRA /// PRKRAP1	237107_PM_at	1.21667	0.003588347
GOLGA8A	208798_PM_x_at	1.36477	0.003600899
SERPINF1	202283_PM_at	1.42667	0.003601247
CGN	223232_PM_s_at	-1.2243	0.003626736
SIM1	206876_PM_at	-1.24066	0.003630131
NCRNA00201	225786_PM_at	1.29494	0.00366798
VAV3	218806_PM_s_at	-1.33801	0.003671671
PLA2G7	206214_PM_at	1.27637	0.003700913
LRRN3	209840_PM_s_at	1.26398	0.003702709
DACH1	205472_PM_s_at	-1.23124	0.003738508
FHOD3	218980_PM_at	-1.21266	0.003741993
ZFYVE16	203651_PM_at	1.20415	0.003750497
KIAA1737	225623_PM_at	-1.2074	0.003765665
NMU	206023_PM_at	1.32977	0.003769639
TFF3	204623_PM_at	1.27537	0.00380294
C6orf106	205457_PM_at	-1.26525	0.003855084
BBOX1	205363_PM_at	-1.4853	0.003862399
RASGRP1	205590_PM_at	1.23355	0.003894784
HINT1	1555960_PM_at	1.24597	0.003931688
DLST	215210_PM_s_at	-1.21106	0.003964461
SRPRB	218140_PM_x_at	-1.2307	0.003978015
ADAM9	202381_PM_at	-1.28638	0.004004663

CCL14-CCL15 /// CCL15	210390_PM_s_at	-1.38871	0.004040794
PDCD6	203415_PM_at	1.205	0.004045301
SPARCL1	200795_PM_at	1.27719	0.004086731
MMP9	203936_PM_s_at	1.55687	0.004090642
CA12	203963_PM_at	-1.34076	0.0041099
PFKFB3	202464_PM_s_at	1.31294	0.004138869
ABCB1	209993_PM_at	-1.28655	0.004208144
CLDN19	1552535_PM_at	-1.3082	0.004312902
DCAF12L1	238205_PM_at	1.21561	0.004339538
LOC100129488	244723_PM_at	-1.47053	0.004345227
LAMA2	205116_PM_at	1.2562	0.004361005
MUM1L1	229160_PM_at	-1.26535	0.004386145
SLC6A8	202219_PM_at	-1.24634	0.004412541
ITM2A	202746_PM_at	1.24288	0.00442506
TSIX	231592_PM_at	1.31472	0.004522004
NCRNA00182	239008_PM_at	1.43856	0.004536785
LOC100287917	226933_PM_s_at	1.24056	0.004537291
TCEAL2	211276_PM_at	-1.31552	0.004537293
EMP2	204975_PM_at	1.22583	0.004561445
PTPN14	242321_PM_at	1.22754	0.004606388
LOC100132735	1557161_PM_at	1.39083	0.004615012
IL17RB	219255_PM_x_at	-1.41262	0.004628367
CCND1	208711_PM_s_at	-1.22382	0.00465394
VPREB3	220068_PM_at	1.23779	0.004687525
CCL18	209924_PM_at	1.57204	0.004736267
C7	202992_PM_at	1.22237	0.00473761
FCER1A	211734_PM_s_at	1.22781	0.004784697
TTC22	235651_PM_at	-1.27621	0.004787216
DDX17	208151_PM_x_at	1.28547	0.004817462
LOC653562 /// SLC6A10P /// SLC6A8	215812_PM_s_at	-1.24615	0.004845287
GDF15 /// LOC100292463	221577_PM_x_at	1.28463	0.004857175
NAPSA	223806_PM_s_at	-1.32559	0.00488566
FIGF	206742_PM_at	1.22983	0.004920302
GPR64	206002_PM_at	1.27853	0.004945081

TBX2	205993_PM_s_at	-1.22748	0.005015698
OLFML2B	213125_PM_at	1.39138	0.005018602
RELN	205923_PM_at	1.20772	0.005109564
SCGB2A1	205979_PM_at	1.22235	0.005124858
PHACTR2	204047_PM_s_at	1.20828	0.005178648
USH1C	205137_PM_x_at	-1.38364	0.005221365
LASS4	218922_PM_s_at	-1.21209	0.005273585
LOC339535	235599_PM_at	-1.21385	0.005274221
TBC1D3 /// TBC1D3C /// TBC1D3F /// TBC1D3H	209403_PM_at	1.23787	0.005280044
REG1B	205886_PM_at	1.20675	0.005280124
MST1	205614_PM_x_at	-1.25067	0.00532358
CEP70	219036_PM_at	-1.22575	0.005393512
PAMR1	213661_PM_at	1.30682	0.005418659
COL6A3	201438_PM_at	1.46351	0.005449434
DOK5	214844_PM_s_at	1.20354	0.005534912
BCAT1	214390_PM_s_at	1.23074	0.005557263
EGFL6	219454_PM_at	-1.23091	0.005565121
SEMA3G	219689_PM_at	-1.26641	0.005646622
TRPC1	205802_PM_at	1.21195	0.005668214
C4A /// C4B /// LOC100292046	214428_PM_x_at	1.28718	0.005864898
PPP1R1A	205478_PM_at	-1.36493	0.005889628
EDNRB	204271_PM_s_at	1.24616	0.005901484
GIN51	206102_PM_at	1.22456	0.005918883
PILRB	220954_PM_s_at	1.23254	0.006007772
IL6ST	204863_PM_s_at	1.30133	0.006035565
CANX	200068_PM_s_at	-1.22774	0.00612466
NR1D2	209750_PM_at	1.28366	0.006152696
CCT2	201946_PM_s_at	-1.27792	0.00619273
PRKCI	209677_PM_at	1.24723	0.006199625
TRIM16	204341_PM_at	1.2039	0.006206136
UTS2	220784_PM_s_at	1.20204	0.006231274
RALGAPA2	225499_PM_at	-1.21227	0.006308653
TACC1	200911_PM_s_at	1.25207	0.006325088
SSPN	204963_PM_at	1.28106	0.006329963

LOC100132832	1557996_PM_at	1.29086	0.006548665
ZNF423	214761_PM_at	1.22651	0.006599901
GDA	224209_PM_s_at	-1.36684	0.006640577
HBA1 /// HBA2	204018_PM_x_at	-1.45569	0.006645451
ARPP19	214553_PM_s_at	-1.21163	0.006678135
SLC17A3	207298_PM_at	-1.62788	0.006708484
PTER	218967_PM_s_at	-1.21473	0.006743977
ABCB1 /// ABCB4	209994_PM_s_at	-1.23684	0.006753538
SLC6A18	238215_PM_at	-1.64328	0.006759373
MALAT1	223577_PM_x_at	1.23423	0.006805113
LACTB2	218701_PM_at	-1.20714	0.006880763
SLC12A1	220281_PM_at	-1.28698	0.006977503
LRRK2	229584_PM_at	1.22499	0.00698198
THSD7A	214920_PM_at	-1.21581	0.007019184
STAP1	220059_PM_at	-1.26601	0.007026708
RAB3IP	223471_PM_at	-1.24594	0.007123158
MAMDC2	228885_PM_at	1.30375	0.007259993
ZFAND6	239757_PM_at	1.2808	0.007344579
IP6K3	231179_PM_at	-1.25095	0.007381067
FRG1 /// FRG1B /// LOC642236	235535_PM_x_at	1.2009	0.007398325
DCAF6	232349_PM_x_at	-1.20729	0.007545935
LOC644090	238319_PM_at	-1.20254	0.007574709
CMYA5	233520_PM_s_at	-1.44309	0.007635499
TSPAN3	200972_PM_at	-1.28326	0.007752359
GGTLC1	211416_PM_x_at	-1.30287	0.007968117
ESCO1	226866_PM_at	1.27748	0.008046575
IL33	209821_PM_at	1.27422	0.008047312
WFDC1	219478_PM_at	1.25116	0.008164086
SOCS2	203372_PM_s_at	-1.20503	0.008173384
CCDC102B	220301_PM_at	1.21832	0.008230647
PDZK1IP1	219630_PM_at	-1.39581	0.008279541
RHOBTB1	212651_PM_at	-1.21086	0.008312109
IFIT1	203153_PM_at	-1.25055	0.008378947
EHD3	218935_PM_at	-1.2097	0.008702495

TSPAN8	203824_PM_at	1.31384	0.008784077
ZNF366	1556314_PM_a_at	1.23451	0.008852247
GXYLT2	235371_PM_at	1.20037	0.009027029
ZC3HAV1L	228280_PM_at	1.21916	0.009099193
HP	206697_PM_s_at	1.3281	0.009184834
TMEM125	225822_PM_at	-1.20754	0.009265867
FMO3	206496_PM_at	1.34746	0.009268635
LYG1	236706_PM_at	1.30628	0.00930453
SPESP1	229352_PM_at	-1.205	0.009314819
SCN7A	228504_PM_at	-1.22201	0.009389757
GTF2H2	223758_PM_s_at	-1.27745	0.00940336
TMED2	204426_PM_at	-1.52784	0.009407705
LOC439949	232001_PM_at	1.26045	0.009491396
DUSP26	219144_PM_at	-1.26253	0.009604878
COL27A1	225288_PM_at	1.24279	0.009624239
LOC100288442 /// LOC100289169 /// LOC728734 /// LOC728741	221992_PM_at	1.24359	0.009734198
PREPL	212216_PM_at	-1.2001	0.009781798
CDH11	207172_PM_s_at	1.25459	0.009843103
LRP2	205710_PM_at	-1.37995	0.009968179
C14orf142	223273_PM_at	-1.2626	0.010034351
GCH1	204224_PM_s_at	-1.20426	0.010089626
TMSB15A	205347_PM_s_at	-1.20494	0.010181837
KLC1	212877_PM_at	1.20937	0.010198
PAQR8	226423_PM_at	1.21619	0.010319295
FBLN1	201787_PM_at	1.30289	0.0104536
CMBL	227522_PM_at	-1.20694	0.010596187
OSR2	213568_PM_at	1.22346	0.010598246
UGT2A3	219948_PM_x_at	-1.31384	0.01073898
RBP7	238066_PM_at	-1.27872	0.010761952
KCNJ1	210402_PM_at	-1.37473	0.010848195
SLC13A1	220502_PM_s_at	-1.44711	0.010862149
TNNC1	209904_PM_at	-1.83852	0.01093321
C4A /// C4B /// LOC100292046 /// LOC100294156	208451_PM_s_at	1.27796	0.010935344
TOB1	202704_PM_at	-1.27066	0.011130804

TMED6	236430_PM_at	-1.54151	0.011410635
FOXQ1	227475_PM_at	1.26718	0.011484384
DPY19L2	230158_PM_at	-1.23168	0.011665567
CD46	207549_PM_x_at	-1.30746	0.011671121
GSN	200696_PM_s_at	-1.38108	0.01174544
LEO1	235096_PM_at	-1.2069	0.011802
C4orf7	229152_PM_at	1.23425	0.011845507
MT1F	213629_PM_x_at	-1.23019	0.011854556
PTK7	207011_PM_s_at	1.22065	0.01208517
TCF21	204931_PM_at	-1.24443	0.012163318
KIAA1245 /// LOC200030 /// NBPF1 /// NBPF10 /// NBPF11 /// N	1562062_PM_at	1.22293	0.012192006
GABRB2	242344_PM_at	-1.23195	0.012228835
HP /// HPR	208470_PM_s_at	1.31986	0.012273768
COBLL1	203641_PM_s_at	-1.24824	0.01227562
TPM4	209344_PM_at	1.23608	0.012280722
ARFGEF1	202955_PM_s_at	-1.23839	0.012285132
SFRP1	202035_PM_s_at	1.29663	0.012351842
NCRNA00230A /// NCRNA00230B	235941_PM_s_at	-1.26927	0.012511426
FRZB	203697_PM_at	1.25364	0.012722269
CYP3A5	205765_PM_at	-1.33952	0.012723692
EPB41L1	212336_PM_at	1.21774	0.012892301
COL5A1	203325_PM_s_at	1.3858	0.012911474
PLEKHA7	228450_PM_at	-1.20071	0.013020349
FAT4	219427_PM_at	-1.2165	0.013530497
FAM134C	212697_PM_at	1.26456	0.013798448
GRB7	210761_PM_s_at	-1.20283	0.013815734
HSPA2	211538_PM_s_at	-1.25761	0.013895704
PRMT6	223275_PM_at	-1.23814	0.013953956
MYL6B	204173_PM_at	-1.21035	0.014112393
BAX	208478_PM_s_at	1.29572	0.014120787
MEF2C	207968_PM_s_at	1.26246	0.014359752
BOD1L	225821_PM_s_at	1.22935	0.014375341
PTGIS	208131_PM_s_at	1.34631	0.014380041
GABRB3	205850_PM_s_at	-1.29784	0.014509931

CCDC58	235244_PM_at	-1.21584	0.01455157
UNC5CL	231008_PM_at	1.23177	0.014788034
LOC100272216	213089_PM_at	1.24449	0.014892915
REN	206367_PM_at	-1.60772	0.015088628
GGT1	207131_PM_x_at	-1.31353	0.01516932
FLJ45340 /// FLJ45445 /// LOC100133150 /// LOC100287274 ///	225899_PM_x_at	1.2393	0.015215126
NAT2	206797_PM_at	-1.20672	0.015711028
OGN	218730_PM_s_at	-1.49424	0.015774434
COMP	205713_PM_s_at	1.34439	0.015830791
P4HB	200656_PM_s_at	-1.22528	0.015893297
CDH6	205532_PM_s_at	1.20544	0.016132599
MST1P9	213380_PM_x_at	-1.26466	0.016254967
SYNC	221276_PM_s_at	1.29416	0.016489174
TMEM52	230467_PM_at	-1.20757	0.016551806
SPINK1	206239_PM_s_at	-1.51157	0.016669873
ALX1	206837_PM_at	1.21317	0.016830351
KLRG2	231195_PM_at	1.28128	0.016859744
SMARCA2	206542_PM_s_at	-1.24816	0.016995648
TNNI1	205177_PM_at	-1.57301	0.017466605
COX7A1	204570_PM_at	-1.2026	0.017479341
TNFRSF11B	204932_PM_at	1.21166	0.017953001
DDIT4L	228057_PM_at	-1.35736	0.018933559
FMOD	202709_PM_at	1.20278	0.019278195
TMEM9B	222507_PM_s_at	-1.27341	0.019432608
RPS11	213350_PM_at	1.22136	0.020248488
RYR1	205485_PM_at	-1.21084	0.02048175
SALL1	206893_PM_at	-1.20427	0.020725776
PDK4	205960_PM_at	1.21864	0.020801114
LOC285556	236523_PM_at	-1.36487	0.020931974
DNAJB6 /// TMEM135	208810_PM_at	-1.21459	0.020944308
OLFM4	212768_PM_s_at	1.33404	0.02138496
TMEM45B	226226_PM_at	-1.21187	0.021581095
VTCN1	219768_PM_at	1.24607	0.021640861
PICALM	203134_PM_at	-1.23144	0.022060102

IFNGR1	202727_PM_s_at	1.28546	0.022131981
FBLN2	203886_PM_s_at	1.24958	0.022581456
PRKCQ	210038_PM_at	1.20563	0.022799345
PSMC3	201267_PM_s_at	-1.2082	0.02283312
RSPO3	228186_PM_s_at	1.29065	0.023065491
PCNP	217816_PM_s_at	-1.22967	0.023143243
SCGB1D2	206799_PM_at	-1.31894	0.023208577
MMP3	205828_PM_at	1.21005	0.023496088
GLT8D2	221447_PM_s_at	1.25126	0.023528224
C20orf30	220477_PM_s_at	-1.35725	0.02357321
FAM176A	227828_PM_s_at	-1.22597	0.024075883
ANGPTL1	224339_PM_s_at	-1.23348	0.025817282
XIST	214218_PM_s_at	1.7084	0.026734998
SLC47A2	231068_PM_at	-1.29965	0.02684694
VNN1	205844_PM_at	-1.28233	0.027458686
NR1H4	206340_PM_at	-1.2344	0.028091621
PTPRD	205712_PM_at	-1.20328	0.028506724
ADH1B	209612_PM_s_at	1.2302	0.028632728
LEFTY1	206268_PM_at	1.41113	0.028888775
APOD	201525_PM_at	1.30021	0.029044544
TRPC7	208589_PM_at	-1.21363	0.029047038
MDFIC	211675_PM_s_at	1.20256	0.029853696
C19orf10	216483_PM_s_at	1.2163	0.030337671
SLC17A1	206872_PM_at	-1.23622	0.032926604
REPS2	205645_PM_at	-1.22989	0.033951648
MYOZ2	207148_PM_x_at	-1.47621	0.034430128
TNFAIP6	206025_PM_s_at	1.29417	0.034482066
COX6A2	206353_PM_at	-1.43144	0.036642909
C9orf71	1553809_PM_a_at	-1.23562	0.037363511
LDB3	213371_PM_at	-1.24865	0.039014824
CFI	203854_PM_at	-1.20204	0.039622281
CLDN2	223509_PM_at	-1.28838	0.039922263
FABP5	202345_PM_s_at	1.29146	0.040404521
SOSTDC1	213456_PM_at	-1.20133	0.041321944

PDGFRL	205226_PM_at	-1.3338	0.042354759
ZBTB16	205883_PM_at	1.29846	0.042729296
CYP27B1	205676_PM_at	-1.37067	0.042780083
FKBP5	204560_PM_at	1.3128	0.045372542
DPT	207977_PM_s_at	-1.40512	0.046282344
FITM1	229567_PM_at	-1.21009	0.047488231
PRRX1	205991_PM_s_at	1.22586	0.04750387
TCAP	205766_PM_at	-1.28807	0.0479807
COL1A2	202403_PM_s_at	1.32802	0.047985163
COL3A1	201852_PM_x_at	1.29071	0.049327269
CHD9	212616_PM_at	-1.21193	0.049826905
PEBP4	227848_PM_at	-1.22559	0.049856175
PCP4	205549_PM_at	-1.23371	0.049905874

DEGs Identified Matlab/Our data processing

Gene Symbol	Probeset	FoldChanges	logFC	FDR
IGH@ /// IGHG1 /// IGHM /// IGHV4-31 /// LOC100290146	211430_PM_s_at	10.77699	3.4298824	1.73E-12
SYT11	209197_PM_at	1.69512	0.7613874	8.38E-10
IFITM3	212203_PM_x_at	1.47177	0.5575522	2.06E-09
HCLS1	202957_PM_at	2.64145	1.4013301	2.07E-09
ISG20	204698_PM_at	3.1246	1.6436715	2.28E-09
IFITM2	201315_PM_x_at	1.49453	0.5796919	2.64E-09
IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	211644_PM_x_at	6.28054	2.6508886	3.97E-09
TMSB10	217733_PM_s_at	1.51781	0.6019912	3.98E-09
SOX9	202935_PM_s_at	2.61875	1.3888783	4.54E-09
IFITM1	201601_PM_x_at	1.74774	0.8054906	1.04E-08
S100A11	200660_PM_at	1.56822	0.649128	1.39E-08
HLA-DPB1	201137_PM_s_at	1.98656	0.9902724	1.61E-08
DTX3L	225415_PM_at	1.66325	0.734005	1.64E-08
GABBR1 /// UBD	205890_PM_s_at	2.72277	1.4450751	1.64E-08
PLP2	201136_PM_at	1.8444	0.8831516	1.72E-08
CORO1A	209083_PM_at	3.1354	1.6486495	1.77E-08
SLA	203760_PM_s_at	2.03327	1.0238018	1.81E-08
HLA-C	208812_PM_x_at	1.35588	0.4392295	1.89E-08
ATPAF1	224728_PM_at	-1.29502	0.3729744	1.97E-08
KIAA1949	224927_PM_at	2.1151	1.0807259	1.99E-08
SEC14L1	202082_PM_s_at	1.38705	0.4720198	2.04E-08
MRPS12	204330_PM_s_at	-1.36097	0.4446353	2.54E-08
EDN1	218995_PM_s_at	1.79244	0.8419248	2.58E-08
SLCO2A1	204368_PM_at	1.63966	0.7133967	3.45E-08
HLA-DQB1 /// LOC100294318	211656_PM_x_at	2.13333	1.0931072	3.49E-08
C1RL	218983_PM_at	1.40801	0.4936576	3.53E-08
LOC100303728	239125_PM_at	-1.33514	0.416991	3.55E-08
CD2	205831_PM_at	2.96683	1.5689223	3.62E-08
CPEB3	205773_PM_at	-1.36483	0.4487213	4.2E-08
GLRX5	221932_PM_s_at	-1.25859	0.3318084	4.26E-08
HLA-DRB1 /// HLA-DRB4	204670_PM_x_at	1.58546	0.6649015	4.35E-08
CCL5	1405_PM_i_at	3.21049	1.6827935	4.56E-08
HLA-DRB1	208306_PM_x_at	1.55271	0.6347884	5.38E-08
A2M	217757_PM_at	1.22307	0.290507	5.43E-08
SLC2A12	235050_PM_at	-1.70211	0.7673243	5.47E-08
LOC541471 /// NCRNA00152	225799_PM_at	1.92969	0.9483691	5.98E-08
FXYD5	218084_PM_x_at	2.42563	1.2783595	6.19E-08
IGLL1 /// IGLL3 /// LOC91316	215946_PM_x_at	4.08925	2.0318363	6.27E-08
ITM2C	221004_PM_s_at	1.66863	0.7386641	6.28E-08
VCAM1	203868_PM_s_at	1.65026	0.7226933	6.49E-08
NFKB1Z	223217_PM_s_at	2.43344	1.2829972	7.78E-08
FAM26F	228362_PM_s_at	1.8822	0.9124199	9.05E-08
LAPTM5	201720_PM_s_at	2.34731	1.2310084	9.48E-08
ARHGAP30	226219_PM_at	2.22095	1.1511769	9.65E-08
IER3	201631_PM_s_at	1.70177	0.7670361	1.03E-07
MAFF	205193_PM_at	2.16719	1.1158256	1.05E-07
HCP5	206082_PM_at	1.90266	0.9280178	1.05E-07
IL32	203828_PM_s_at	1.93488	0.9522441	1.1E-07
PYCARD	221666_PM_s_at	2.04014	1.0286682	1.11E-07
TMEM173	224916_PM_at	1.75657	0.8127611	1.13E-07
ARL4C	202206_PM_at	2.40777	1.2676976	1.14E-07
UPP1	203234_PM_at	1.63064	0.7054383	1.17E-07
RAC2	207419_PM_s_at	2.08318	1.0587875	1.18E-07
BIRC3	210538_PM_s_at	2.20405	1.140157	1.19E-07
PDLIM1	208690_PM_s_at	1.69868	0.7644141	1.23E-07
HLA-DQB1	209480_PM_at	2.06338	1.0450095	1.26E-07
CAP1	200625_PM_s_at	1.23649	0.3062506	1.26E-07
LDLRAD3	234985_PM_at	1.65949	0.7307399	1.26E-07
SH2B3	203320_PM_at	1.54593	0.628475	1.37E-07
CD53	203416_PM_at	2.40061	1.263401	1.4E-07
DOCK2	213160_PM_at	2.07418	1.0525411	1.46E-07
SERPING1	200986_PM_at	2.00172	1.0012402	1.47E-07

Technical Validation using LIMMA R package

logFC	AveExpr	t	P.Value	adj.P.Val	B
3.68260638	7.67029744	8.6183928	5.71E-16	2.11E-11	25.565001
1.61147507	7.41393751	8.2397944	7.41E-15	9.30E-11	23.108973
0.35612282	10.704571	8.2372429	7.54E-15	9.30E-11	23.092638
3.30041034	10.0860316	8.0567179	2.50E-14	2.31E-10	21.944488
2.77168397	10.8313236	7.8918968	7.37E-14	4.74E-10	20.909632
2.81781056	10.813938	7.8853217	7.69E-14	4.74E-10	20.86862
1.77354288	7.06231499	7.8419231	1.02E-13	5.02E-10	20.598454
2.75362822	10.8591396	7.8324559	1.08E-13	5.02E-10	20.539641
0.88691329	4.94446637	7.8011471	1.33E-13	5.13E-10	20.345456
2.35141191	8.59196458	7.7945419	1.39E-13	5.13E-10	20.304551
2.77627379	10.1651385	7.733886	2.05E-13	6.90E-10	19.929927
2.84344115	10.2254678	7.7056328	2.46E-13	7.59E-10	19.756055
2.82056196	10.1187249	7.6756168	2.98E-13	7.59E-10	19.571775
2.89067831	10.5572706	7.662799	3.24E-13	7.59E-10	19.49322
1.82778299	6.10842907	7.6619726	3.26E-13	7.59E-10	19.488158
2.67343172	9.95236483	7.659669	3.30E-13	7.59E-10	19.47405
0.8894227	8.42136393	7.6491703	3.53E-13	7.59E-10	19.409786
1.63324026	6.78929089	7.6422325	3.69E-13	7.59E-10	19.36735
1.79576672	6.19903302	7.5871371	5.25E-13	9.76E-10	19.031219
0.62711673	9.32943788	7.5790559	5.53E-13	9.76E-10	18.982047
0.82840052	5.49647958	7.5786269	5.54E-13	9.76E-10	18.979437
0.84220696	10.8595482	7.5539482	6.48E-13	1.09E-09	18.829487
0.78323652	6.04247879	7.4241261	1.47E-12	2.37E-09	18.045876
1.27263536	8.40779418	7.3927249	1.79E-12	2.76E-09	17.857663
1.47877383	6.47865079	7.3739117	2.01E-12	2.98E-09	17.745151
0.92379702	9.42652792	7.3665254	2.11E-12	3.00E-09	17.701029
2.83993804	6.81465693	7.3236332	2.76E-12	3.71E-09	17.445386
1.54811205	5.88791399	7.3208575	2.80E-12	3.71E-09	17.428876
2.46715242	8.46843212	7.3067712	3.06E-12	3.81E-09	17.345156
1.1717331	4.71981471	7.3051839	3.09E-12	3.81E-09	17.335728
0.74693033	7.81381215	7.2945553	3.30E-12	3.94E-09	17.272637
0.74217017	10.5216	7.2897079	3.40E-12	3.94E-09	17.243884
1.12231926	5.69786174	7.2351848	4.77E-12	5.35E-09	16.921341
0.5322188	8.60517253	7.2245159	5.09E-12	5.55E-09	16.858146
1.63788855	6.17888583	7.1951432	6.11E-12	6.46E-09	16.685496
0.41948348	12.1942477	7.1843785	6.52E-12	6.71E-09	16.622241
1.74990564	7.31527766	7.1626548	7.45E-12	7.40E-09	16.494783
0.70053077	9.84847892	7.159559	7.60E-12	7.40E-09	16.47664
1.79957849	9.30345511	7.1515121	7.98E-12	7.57E-09	16.429507
0.76151987	8.77010949	7.1237811	9.46E-12	8.75E-09	16.267351
0.53482685	10.1051882	7.1177819	9.81E-12	8.86E-09	16.232327
0.73014653	9.25109033	7.0960856	1.12E-11	9.87E-09	16.105827
0.52412457	12.2964019	7.0922654	1.15E-11	9.87E-09	16.083581
1.12439502	7.80822975	7.0849152	1.20E-11	1.01E-08	16.0408
-0.74929048	5.80368816	-7.081196	1.23E-11	1.01E-08	16.019165
-0.96294149	6.58001046	-7.077005	1.26E-11	1.01E-08	15.994795
0.77075291	10.8849572	7.0508918	1.47E-11	1.16E-08	15.843168
1.11671165	8.57634997	7.0464686	1.52E-11	1.17E-08	15.817522
-0.57594229	5.51593711	-7.040382	1.57E-11	1.17E-08	15.782247
1.20848455	4.76935698	7.038972	1.59E-11	1.17E-08	15.774082
1.24906112	4.94334632	7.0216142	1.76E-11	1.24E-08	15.673621
1.24672137	6.23885132	7.0211892	1.77E-11	1.24E-08	15.671163
0.86458097	4.14952137	7.0205061	1.77E-11	1.24E-08	15.667213
-0.32015847	3.84240002	-7.011814	1.87E-11	1.28E-08	15.616975
1.53895389	7.62017677	7.0072838	1.92E-11	1.29E-08	15.590809
0.79370292	9.22114999	7.0014618	1.99E-11	1.31E-08	15.557198
0.77135499	9.37437681	6.9977092	2.04E-11	1.32E-08	15.535544
0.51677512	11.9973011	6.9950993	2.07E-11	1.32E-08	15.520488
0.65809671	10.4852123	6.9834015	2.22E-11	1.39E-08	15.453057
0.51208003	8.62857023	6.9800817	2.26E-11	1.40E-08	15.433934
0.96666818	6.01879454	6.9741912	2.35E-11	1.42E-08	15.400018
1.27302203	7.14429608	6.9655233	2.47E-11	1.48E-08	15.350147

CHRNA	221355_PM_at	-1.22517	0.2929819	1.47E-07	209173_PM_at	AGR2	1.68278975	7.46777805	6.9565988	2.61E-11	1.52E-08	15.298843
RG519	204336_PM_s_at	1.91268	0.9355955	1.49E-07	224252_PM_s_at	FXVD5	1.19042216	6.24892272	6.9558455	2.62E-11	1.52E-08	15.294515
IRF9	203882_PM_at	1.46989	0.5557082	1.51E-07	226621_PM_at	OSMR	0.85969745	9.0589481	6.9490736	2.73E-11	1.55E-08	15.25562
EGF	206254_PM_at	-2.89482	1.5334736	1.71E-07	202431_PM_s_at	MYC	1.14233789	7.10256418	6.9422547	2.84E-11	1.59E-08	15.216481
IRF8	204057_PM_at	1.79218	0.8417155	1.74E-07	212875_PM_s_at	C2CD2	0.4764372	8.00756796	6.9349642	2.97E-11	1.64E-08	15.174664
CARD16	1552701_PM_a_at	2.11214	1.0787055	1.74E-07	1556554_PM_at	TRIM50	-1.14728636	5.19301004	-6.929692	3.07E-11	1.67E-08	15.144443
RNA5E6	213566_PM_at	2.43971	1.2867097	1.77E-07	238327_PM_at	ODFB3	1.14597052	5.08186971	6.9159685	3.33E-11	1.77E-08	15.065851
LY86	205859_PM_at	2.07959	1.0562991	1.87E-07	218995_PM_s_at	EDN1	0.98220392	6.14475031	6.9150661	3.35E-11	1.77E-08	15.060687
IGK@ /// IGKC /// LOC100291464	215176_PM_x_at	7.11752	2.8313746	1.88E-07	205831_PM_at	CD2	1.55288754	6.27179097	6.9104122	3.44E-11	1.79E-08	15.034062
MLL3	222413_PM_s_at	1.65249	0.7246415	2.15E-07	201631_PM_s_at	IER3	0.71174484	8.98554345	6.9019748	3.62E-11	1.86E-08	14.985823
ZNFY1	225076_PM_s_at	1.32912	0.4104714	2.2E-07	208791_PM_at	CLU	0.84860464	10.7545751	6.8880553	3.94E-11	2.00E-08	14.906331
NLRCS	226474_PM_at	2.10308	1.0725037	2.21E-07	220036_PM_s_at	LMBR1L	0.57782047	5.90965734	6.8786787	4.16E-11	2.08E-08	14.852845
SFN	209260_PM_at	2.3871	1.255259	2.22E-07	204670_PM_x_at	HLA-DRB1 /// HLA-DRB4	0.63395985	11.8021618	6.8746166	4.26E-11	2.10E-08	14.82969
TRIM50	1556554_PM_at	-2.12508	1.0875172	2.25E-07	200797_PM_s_at	MCL1	0.4483625	10.4322207	6.8619604	4.60E-11	2.24E-08	14.757607
C1orf162	228532_PM_at	2.21188	1.1452731	2.28E-07	204470_PM_at	CXCL1	1.56673471	5.4697838	6.8568442	4.74E-11	2.28E-08	14.728494
CLU	208791_PM_at	1.8948	0.9220456	2.33E-07	201288_PM_at	ARHGDI3	0.89401701	9.69975321	6.8520182	4.88E-11	2.32E-08	14.701046
HLA-A	213932_PM_x_at	1.29849	0.3768349	2.33E-07	205278_PM_at	GAD1	-1.12741177	4.83130643	-6.814503	5.20E-11	2.43E-08	14.641283
LST1	210629_PM_x_at	1.96342	0.9733688	2.34E-07	226219_PM_at	ARRHGAP30	1.28646957	6.02662178	6.827068	5.66E-11	2.59E-08	14.559115
AKNA	225701_PM_at	1.53574	0.618934	2.42E-07	205466_PM_s_at	HS3ST1	1.22649678	6.29662969	6.8236378	5.78E-11	2.59E-08	14.539905
RASSF5	223322_PM_at	1.44662	0.532686	2.46E-07	203892_PM_at	WFDC2	1.41892448	10.2136671	6.8196177	5.92E-11	2.59E-08	14.517117
ACTN1	208636_PM_at	1.7807	0.8324445	2.57E-07	208961_PM_s_at	KLF6	0.79367577	8.61951385	6.8194466	5.92E-11	2.59E-08	14.516147
MYO1F	213733_PM_at	1.79064	0.8404753	2.59E-07	213502_PM_x_at	LOC91316	1.64701545	8.99111377	6.8191745	5.93E-11	2.59E-08	14.514606
GIMAP5	218805_PM_at	1.56499	0.6461534	2.67E-07	204655_PM_at	CCL5	1.61598863	7.55778049	6.8187082	5.95E-11	2.59E-08	14.511963
IFI16	206332_PM_s_at	1.84114	0.8805993	2.69E-07	226218_PM_at	IL7R	1.71772203	6.42332899	6.8099375	6.27E-11	2.70E-08	14.462283
HLA-DMB	203932_PM_at	1.57184	0.6524544	2.91E-07	208792_PM_s_at	CLU	0.90273634	10.3741222	6.8029653	6.53E-11	2.78E-08	14.422823
NFATC2	226991_PM_at	1.90919	0.9329607	2.93E-07	212647_PM_at	RRAS	0.68071062	7.54977958	6.7865479	7.20E-11	3.03E-08	14.330018
TMPSR54	218960_PM_at	2.07966	1.0563477	2.95E-07	202644_PM_s_at	TNFAIP3	0.97285528	7.74377037	6.7530194	8.78E-11	3.56E-08	14.140974
AGR2	209173_PM_at	2.52669	1.3372487	2.95E-07	201694_PM_s_at	EGR1	1.29446566	6.46913119	6.7506089	8.91E-11	3.56E-08	14.127408
LOC100130100 /// LOC100291464	217378_PM_x_at	5.75866	2.5257331	2.98E-07	234985_PM_at	LDLRAD3	0.77459269	6.82309303	6.7501538	8.93E-11	3.56E-08	14.124848
P2RY13	220005_PM_at	1.93803	0.9545909	3.02E-07	221841_PM_s_at	KLF4	0.89980057	7.62474629	6.7500521	8.93E-11	3.56E-08	14.124275
S100A7A	232220_PM_at	-1.2432	0.3140584	4.02E-07	201601_PM_x_at	IFITM1	0.7091163	11.0740755	6.7498858	8.94E-11	3.56E-08	14.123186
TIMP1	201666_PM_at	2.15203	1.1056982	4.1E-07	209183_PM_s_at	C10orf10	1.0578461	7.71833885	6.7243471	1.04E-10	4.09E-08	13.979834
CKLF	219161_PM_s_at	1.55882	0.6404543	4.13E-07	201189_PM_s_at	ITPR3	0.83789818	6.98225471	6.710617	1.13E-10	4.39E-08	13.902841
IL7R	205798_PM_at	3.42356	1.7754973	4.47E-07	216207_PM_x_at	IGKV1D-13	2.48088121	7.34385849	6.7076945	1.15E-10	4.42E-08	13.866468
SASH3	204923_PM_at	2.10857	1.0762649	4.51E-07	227353_PM_at	TM6C	1.29966864	5.56068943	6.7034588	1.18E-10	4.46E-08	13.862745
STAB1	204150_PM_at	1.92985	0.9484887	4.51E-07	201137_PM_s_at	HLA-DRB1	1.03018392	10.7690327	6.7025049	1.18E-10	4.46E-08	13.857405
EV12B	211742_PM_s_at	2.81376	1.4924993	4.53E-07	201473_PM_at	JUNB	0.89314441	7.33101379	6.7000605	1.20E-10	4.48E-08	13.843721
TRIM21	204804_PM_at	1.34449	0.427059	4.58E-07	223217_PM_s_at	NFKBIZ	1.32857059	6.91697678	6.6981184	1.21E-10	4.49E-08	13.832851
CSF1R	203104_PM_at	1.78111	0.8327766	4.6E-07	200644_PM_at	MARCKSL1	0.75918617	8.55159083	6.6961916	1.23E-10	4.49E-08	13.822069
RTP4	219684_PM_at	1.77645	0.8289971	4.8E-07	225282_PM_at	SMAP2	0.82042147	7.05708722	6.6910939	1.26E-10	4.59E-08	13.793556
HLA-DMA	217478_PM_s_at	1.77004	0.823782	5.08E-07	242903_PM_at	IFNGR1	0.65006193	4.31490122	6.688141	1.29E-10	4.62E-08	13.777046
TNFAIP3	202643_PM_s_at	1.89489	0.9221141	5.11E-07	224927_PM_at	KIAA1949	0.95402841	8.29018978	6.6732354	1.40E-10	4.97E-08	13.693786
LTF	202018_PM_s_at	5.9987	2.5846499	5.13E-07	200660_PM_at	S100A11	0.77927976	9.88404799	6.6716999	1.42E-10	4.97E-08	13.685216
SMAP2	225282_PM_at	1.74233	0.8010179	5.2E-07	200021_PM_at	CF1L	0.33894838	11.8726665	6.6706753	1.42E-10	4.97E-08	13.679499
KCNK6	223658_PM_at	1.49951	0.5844911	5.21E-07	227949_PM_at	PHACTR3	0.54096934	4.0513285	6.6663556	1.46E-10	5.05E-08	13.6554
SLC34A3	1552510_PM_at	-1.63066	0.705456	5.52E-07	211645_PM_x_at	---	2.71145994	6.61980027	6.6633093	1.49E-10	5.10E-08	13.638413
HS3ST1	205465_PM_x_at	1.53641	0.6195633	5.57E-07	225701_PM_at	AKNA	1.11400547	6.49700333	6.6562106	1.55E-10	5.26E-08	13.598849
KLF6	208960_PM_s_at	1.68187	0.7500662	5.78E-07	202898_PM_at	SDC3	0.97775194	7.04758666	6.6512154	1.60E-10	5.37E-08	13.571027
TFR3	207332_PM_s_at	-1.43507	0.5211211	5.8E-07	215176_PM_x_at	IGK@ /// IGKC /// LOC100291464	2.81125213	7.77828693	6.6419945	1.68E-10	5.59E-08	13.519707
MARCKSL1	200644_PM_at	1.61621	0.6926147	5.84E-07	211980_PM_at	COL4A1	0.66405527	10.4635903	6.6401238	1.70E-10	5.59E-08	13.509302
NRP1	210510_PM_s_at	1.261	0.3345683	5.91E-07	217362_PM_x_at	HLA-DRB6	0.87785827	10.2928235	6.6395981	1.71E-10	5.59E-08	13.506378
TAP1	202307_PM_s_at	1.73732	0.7968635	6.02E-07	209515_PM_s_at	RAB27A	0.77686347	7.38876605	6.611754	2.01E-10	6.52E-08	13.351758
NCF4	205147_PM_x_at	1.72359	0.7854166	6.05E-07	217378_PM_x_at	LOC100130100 /// LOC100291464	2.60577726	7.03006417	6.5993439	2.16E-10	6.95E-08	13.282993
C1orf38	207571_PM_x_at	1.87906	0.9100111	6.22E-07	217235_PM_x_at	IGLV2-23	2.42130585	6.33608232	6.5947872	2.22E-10	7.07E-08	13.257767
PSMB9	204279_PM_at	1.78122	0.8328657	6.25E-07	203761_PM_at	SLA	1.23741421	6.87034431	6.5932712	2.24E-10	7.08E-08	13.249378
IGJ	212592_PM_at	5.45346	2.4471719	6.29E-07	207651_PM_at	GPR171	1.40251299	5.17253111	6.5802096	2.41E-10	7.57E-08	13.17715
LOC652493	216401_PM_x_at	4.76691	2.2530544	6.74E-07	201721_PM_s_at	LAPTM5	1.24449404	9.51651502	6.5721758	2.53E-10	7.86E-08	13.132777
DUSP6	208891_PM_at	1.49374	0.5789291	6.79E-07	227404_PM_s_at	EGR1	1.10274707	5.25078207	6.5557164	2.78E-10	8.54E-08	13.041896
ZFYVE20	226581_PM_at	-1.41584	0.5016582	7.27E-07	1560201_PM_at	ZNF713	0.37567939	3.38722719	6.554974	2.79E-10	8.54E-08	13.037895
MMP7	204259_PM_at	2.70594	1.4361299	7.31E-07	224412_PM_s_at	TRPM6	-0.81933942	4.26084828	-6.550581	2.86E-10	8.69E-08	13.013693
CAPZA1	208374_PM_s_at	1.24553	0.3167598	7.33E-07	218960_PM_at	TMPSR54	1.15844033	7.37046265	6.5409504	3.03E-10	9.03E-08	12.960676
ODFB3	235257_PM_at	1.39588	0.4811749	7.35E-07	227188_PM_at	C21orf63	0.70691433	5.91855878	6.5398967	3.05E-10	9.03E-08	12.954878
SLC16A7	207057_PM_at	-1.62101	0.696893	7.4E-07	217148_PM_x_at	LOC100293440	2.59913877	6.92098204	6.5398217	3.05E-10	9.03E-08	12.954466
HLA-E	200904_PM_at	1.37026	0.4544497	7.4E-07	202376_PM_at	SERPINA3	2.04609869	7.18094917	6.5381436	3.08E-10	9.04E-08	12.945235
STAT6	201331_PM_s_at	1.23895	0.309118	7.41E-07	217028_PM_at	CXCR4	1.36712301	7.23879306	6.535368	3.13E-10	9.07E-08	12.929971

SPON2	218638_PM_s_at	2.28984	1.1952468	7.42E-07	227072_PM_at	RTTN	-0.65271045	6.74218638	-6.53478	3.14E-10	9.07E-08	12.92674
SLC27A3	222217_PM_s_at	1.47814	0.5637829	7.42E-07	218983_PM_at	C1RL	0.83546934	7.4970167	6.5273057	3.28E-10	9.36E-08	12.885658
UBA7	1294_PM_at	1.46711	0.552977	7.54E-07	229842_PM_at	ELF3	1.21628614	6.16915616	6.5266926	3.29E-10	9.36E-08	12.882289
IL10RA	204912_PM_at	2.29648	1.1994242	7.71E-07	217157_PM_x_at	IGK@ /// IGKC /// LOC652493	2.35705736	6.8195966	6.5239296	3.34E-10	9.44E-08	12.867113
C16orf54	1559584_PM_a_at	2.42538	1.2782108	8.68E-07	204259_PM_at	MMMP7	1.51381976	10.198191	6.5138643	3.54E-10	9.93E-08	12.811867
GZMA	205488_PM_at	2.76675	1.4681923	9.07E-07	202910_PM_s_at	CD97	0.91085467	6.77850908	6.5020675	3.79E-10	1.05E-07	12.747196
IGLV2-23 /// LOC100293440	216984_PM_x_at	5.28186	2.4010461	9.07E-07	210827_PM_s_at	ELF3	1.15378314	7.82253237	6.4999587	3.84E-10	1.05E-07	12.735644
GBP2	202748_PM_at	1.82967	0.8715835	9.15E-07	211644_PM_x_at	IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	2.46786448	7.08299138	6.4997701	3.84E-10	1.05E-07	12.734611
ACSL5	218322_PM_s_at	1.69062	0.7575524	9.33E-07	202018_PM_s_at	LTF	2.45690385	8.35737905	6.480749	4.28E-10	1.16E-07	12.63054
LOC100287723	217480_PM_x_at	4.34712	2.1200599	9.36E-07	210915_PM_x_at	IL23A /// TRBV19	1.75036538	6.88858312	6.4800277	4.30E-10	1.16E-07	12.626598
C19orf66	218429_PM_s_at	1.4763	0.5619859	9.49E-07	225764_PM_at	ETV6	0.56972259	7.83749047	6.4790825	4.32E-10	1.16E-07	12.621433
B2M	216231_PM_s_at	1.50123	0.586145	9.51E-07	200625_PM_s_at	CAP1	0.3567555	10.4273913	6.4779352	4.35E-10	1.16E-07	12.615164
SERPIN9	209723_PM_at	1.81205	0.8576228	9.52E-07	1558052_PM_at	TMED4	-0.68598366	4.36615227	-6.472577	4.49E-10	1.19E-07	12.585899
ELF3	201510_PM_at	2.08199	1.0579631	9.55E-07	216576_PM_x_at	IGK@ /// IGKC /// LOC652493 /// LOC652694	2.30988079	6.74763962	6.4634299	4.73E-10	1.23E-07	12.535974
TMEM19	219941_PM_at	-1.38903	0.4740778	9.55E-07	224916_PM_at	TMEM173	0.77638118	5.4913564	6.4630998	4.74E-10	1.23E-07	12.534173
GPR171	207651_PM_at	2.5544	1.3529845	9.58E-07	209803_PM_s_at	PHLDA2	1.13018767	5.80591689	6.462548	4.75E-10	1.23E-07	12.531163
TNFAIP8	208296_PM_x_at	1.69939	0.765017	9.61E-07	225520_PM_at	MTHFD1L	0.73299613	6.7179014	6.4600057	4.82E-10	1.24E-07	12.517299
TPSPAN13	217979_PM_at	1.53438	0.6176558	9.84E-07	209795_PM_at	CD69	1.334410776	4.96533782	6.456332	4.93E-10	1.25E-07	12.497271
C9orf84	233504_PM_at	-1.28067	0.3568988	9.87E-07	217055_PM_x_at	---	-0.60149647	4.8992326	-6.455404	4.95E-10	1.25E-07	12.492212
ESYT1	208858_PM_s_at	1.40536	0.4909397	9.89E-07	202206_PM_at	ARL4C	1.35548772	6.503977	6.4539483	4.99E-10	1.25E-07	12.48428
TMSB4X /// TMSL3	216438_PM_s_at	1.21065	0.2757818	9.92E-07	240807_PM_at	---	-0.59455598	3.97396151	-6.453562	5.01E-10	1.25E-07	12.482173
SELENBP1	214433_PM_s_at	-1.31177	0.3915148	1.01E-06	225799_PM_at	LOC541471 /// NCRNA00152	0.8716755	8.70708733	6.4458674	5.23E-10	1.30E-07	12.440266
AGR3	228241_PM_at	2.40245	1.2645064	1.08E-06	208335_PM_s_at	DARC	1.71726734	6.60779865	6.4416198	5.36E-10	1.32E-07	12.417147
TRIM38	203567_PM_s_at	1.33761	0.4196575	1.08E-06	218638_PM_s_at	SPON2	1.25546129	8.2355772	6.4394518	5.43E-10	1.33E-07	12.405351
PARG	223562_PM_at	1.58576	0.6651744	1.08E-06	213193_PM_x_at	TRBC1	1.61015073	7.59533111	6.4262656	5.85E-10	1.42E-07	12.333668
TUBA1A	209118_PM_s_at	1.62753	0.7026841	1.08E-06	201466_PM_s_at	JUN	0.81626795	6.84028655	6.4210079	6.03E-10	1.46E-07	12.305116
GUCY1A3	221942_PM_s_at	1.50036	0.5853087	1.08E-06	224606_PM_at	KLF6	0.67095765	9.51624089	6.419997	6.06E-10	1.46E-07	12.299629
STMN3	222557_PM_at	1.48515	0.5706087	1.09E-06	216984_PM_x_at	IGLV2-23 /// LOC100293440	2.30860625	6.77521948	6.4144193	6.26E-10	1.49E-07	12.269361
RASD1	223467_PM_at	2.12439	1.0870486	1.14E-06	230971_PM_x_at	GLTPD2	-0.78149811	4.61456904	-6.408952	6.46E-10	1.53E-07	12.239712
HLA-F	204806_PM_x_at	1.52472	0.6085443	1.18E-06	226878_PM_at	HLA-DOA	1.03692734	7.92622143	6.3975422	6.89E-10	1.62E-07	12.177893
CECR1	219505_PM_at	1.87555	0.9073137	1.19E-06	208540_PM_x_at	S100A11	0.89028414	9.16999591	6.3948234	7.00E-10	1.64E-07	12.163175
PARP12	218543_PM_s_at	1.51868	0.6028179	1.2E-06	217480_PM_x_at	LOC100287723	2.10060775	6.96828064	6.3919854	7.11E-10	1.66E-07	12.147816
LOC100128653	236053_PM_at	-1.22674	0.2948295	1.32E-06	208948_PM_s_at	STAU1	-0.4121308	10.7053767	-6.385509	7.38E-10	1.71E-07	12.112783
SGK223	235085_PM_at	1.47724	0.5629042	1.32E-06	1553906_PM_s_at	FGD2	1.2665287	7.37002932	6.3794116	7.64E-10	1.76E-07	12.079828
ARHGAP26	205068_PM_s_at	1.35533	0.4386442	1.33E-06	227099_PM_s_at	AG2	0.89207234	9.05912424	6.3733112	7.91E-10	1.80E-07	12.046878
PROM1	204304_PM_s_at	2.28307	1.1909751	1.33E-06	208306_PM_x_at	HLA-DRB1	0.66483602	11.6430057	6.3732015	7.91E-10	1.80E-07	12.046286
SHISA5	222986_PM_s_at	1.3345	0.4162993	1.37E-06	227530_PM_at	AKAP12	0.77246198	8.9909166	6.3704695	8.04E-10	1.81E-07	12.031537
C1QB	202953_PM_at	2.43842	1.2859466	1.38E-06	207320_PM_x_at	STAU1	-0.42026975	10.7678937	-6.362481	8.41E-10	1.89E-07	11.98844
GAB3	228410_PM_at	1.51079	0.5953031	1.4E-06	213566_PM_at	RNASE6	1.19610943	8.089006	6.3610633	8.48E-10	1.89E-07	11.980793
SIRT4	220047_PM_at	-1.30348	0.3823684	1.4E-06	212067_PM_s_at	C1R	1.05427168	9.34019563	6.3571272	8.67E-10	1.91E-07	11.959575
LMBR1L	220036_PM_s_at	1.479	0.5646221	1.4E-06	226991_PM_at	NFATC2	1.05609101	6.1810786	6.3567117	8.69E-10	1.91E-07	11.957336
WDR82	201934_PM_at	1.23073	0.2995143	1.43E-06	211796_PM_s_at	TRBC1	1.81929533	7.36799746	6.3510191	8.97E-10	1.96E-07	11.926668
HOPX	211597_PM_s_at	2.61853	1.3887571	1.47E-06	211643_PM_x_at	IGK@ /// IGKC /// IGKV3D-15	2.01033191	6.37587497	6.3485028	9.10E-10	1.98E-07	11.913118
STAT4	206118_PM_at	2.00435	1.0031345	1.48E-06	210986_PM_s_at	TPM1	0.47224343	11.2112492	6.3463217	9.21E-10	1.99E-07	11.901376
PHLDA2	209803_PM_s_at	2.00142	1.001024	1.48E-06	212320_PM_at	TUBB	0.46284616	9.97442719	6.3458471	9.24E-10	1.99E-07	11.898827
FCER1G	204232_PM_at	2.14002	1.0976243	1.52E-06	227384_PM_s_at	---	1.12220828	7.90464084	6.3446304	9.30E-10	1.99E-07	11.892274
TNFSF13B	223501_PM_at	2.00738	1.0053137	1.52E-06	225289_PM_at	STAT3	0.51105358	8.88641082	6.3389943	9.61E-10	2.04E-07	11.86171
ELF4	31845_PM_at	1.63538	0.7096259	1.52E-06	204336_PM_s_at	RGS19	1.03219344	6.78461785	6.3374386	9.69E-10	2.05E-07	11.853586
TESC	218872_PM_at	1.92307	0.9434113	1.52E-06	209606_PM_at	CY1P	1.25780774	6.1311558	6.3362809	9.75E-10	2.05E-07	11.847362
DNAJC4	206781_PM_at	-1.28817	0.365323	1.53E-06	204205_PM_at	APOBEC3G	1.07480258	7.6632283	6.3329517	9.94E-10	2.08E-07	11.829466
FAM83D	225687_PM_at	-1.89217	0.9200417	1.53E-06	201464_PM_x_at	JUN	0.65507347	9.11643694	6.3308511	1.01E-09	2.09E-07	11.818178
PARP14	224701_PM_at	1.56897	0.6498178	1.54E-06	203085_PM_s_at	TGFB1	0.58197142	4.55449652	6.3273201	1.03E-09	2.12E-07	11.79921
LCP2	205269_PM_at	1.6147	0.6912661	1.54E-06	1559584_PM_a_at	C16orf54	1.33041599	5.25847832	6.3195889	1.07E-09	2.20E-07	11.757706
SAMD9L	226603_PM_at	1.61164	0.6885295	1.55E-06	202267_PM_at	LAMC2	0.82134431	5.18167485	6.3151777	1.10E-09	2.25E-07	11.734041
DARC	208335_PM_s_at	3.32208	1.7320868	1.55E-06	201875_PM_s_at	MP2L1	0.43692062	7.61554451	6.3134074	1.11E-09	2.26E-07	11.724548
ASNS	205047_PM_s_at	1.64299	0.7163237	1.57E-06	223218_PM_s_at	NFKBIZ	1.08743926	8.64001672	6.311037	1.12E-09	2.27E-07	11.711839
RNF213	225929_PM_s_at	1.52854	0.6121543	1.57E-06	204057_PM_at	IRF8	1.02870457	7.51851449	6.3094473	1.13E-09	2.27E-07	11.703318
ITGAM	205786_PM_s_at	1.92264	0.9430887	1.59E-06	202002_PM_at	ACAA2	-0.74098128	5.90856822	-6.309135	1.14E-09	2.27E-07	11.701646
NFKBIA	201502_PM_s_at	1.38302	0.467822	1.59E-06	208892_PM_s_at	DUSP6	0.52933061	9.51331677	6.3084776	1.14E-09	2.27E-07	11.698121
FERMT3	223303_PM_at	1.57985	0.6597876	1.59E-06	209154_PM_at	TAX1BP3	0.45382478	10.7140148	6.3072468	1.15E-09	2.27E-07	11.691526
LOC100287322	210332_PM_at	-1.25818	0.3313383	1.6E-06	204328_PM_at	TMC6	0.72212297	5.36856205	6.3049756	1.16E-09	2.29E-07	11.679358
EV12A	204774_PM_at	2.17998	1.1243149	1.6E-06	209118_PM_s_at	TUBA1A	0.7573297	10.5817302	6.3035843	1.17E-09	2.29E-07	11.671905
TPBG	203476_PM_at	1.75099	0.8081708	1.6E-06	208637_PM_x_at	ACTN1	0.82708122	7.9165049	6.302466	1.18E-09	2.29E-07	11.665916
APOL1	209546_PM_s_at	1.57279	0.6533261	1.6E-06	200953_PM_s_at	CCND2	0.91811458	8.61000057	6.3019647	1.18E-09	2.29E-07	11.663232
IRF1	202531_PM_at	1.90609	0.9306162	1.61E-06	220731_PM_s_at	NECAP2	0.41914414	8.9128145	6.2995618	1.20E-09	2.31E-07	11.650366

HCST	223640_PM_at	2.01494	1.0107369	1.62E-06	216401_PM_x_at	LOC652493	2.16695846	6.8832956	6.2956191	1.23E-09	2.35E-07	11.629264
PSME2	201762_PM_s_at	1.26062	0.3341335	1.63E-06	207988_PM_s_at	ARPC2	0.35932168	10.883431	6.2917536	1.25E-09	2.39E-07	11.608584
TNFAIP8L2	223583_PM_at	1.51502	0.5993368	1.71E-06	208891_PM_at	DUSP6	0.49448642	8.98963761	6.2908068	1.26E-09	2.39E-07	11.603521
RNF152	1553721_PM_at	-1.29816	0.3764682	1.71E-06	201666_PM_at	TIMP1	1.08148059	10.1341333	6.2890494	1.27E-09	2.40E-07	11.594123
C1R	212067_PM_s_at	1.99197	0.9941959	1.71E-06	201236_PM_s_at	BTG2	0.59291198	8.43889453	6.2872586	1.29E-09	2.41E-07	11.584549
SHBG	215689_PM_s_at	-1.44211	0.5281812	1.73E-06	214768_PM_x_at	IGK@ /// IGKC	2.40350955	5.8622665	6.2850801	1.30E-09	2.43E-07	11.572905
HIF1A	200989_PM_at	1.36583	0.4497779	1.74E-06	202238_PM_s_at	NNMT	1.78723585	8.03120297	6.2770813	1.36E-09	2.53E-07	11.530176
PSMB10	202659_PM_at	1.54422	0.6268783	1.76E-06	204153_PM_s_at	MFNG	0.82412467	6.05523905	6.276405	1.37E-09	2.53E-07	11.526565
FDX1	203646_PM_at	-1.36006	0.4436703	1.78E-06	219229_PM_at	SLCO3A1	0.8169974	6.74751848	6.2725208	1.40E-09	2.57E-07	11.505833
CD69	209795_PM_at	2.38662	1.2549689	1.78E-06	227253_PM_at	CP	0.9507602	4.70527744	6.2663765	1.45E-09	2.65E-07	11.473055
PTMA	200772_PM_x_at	1.20499	0.2690212	1.84E-06	227346_PM_at	IKZF1	1.28130524	5.36692574	6.2614367	1.49E-09	2.71E-07	11.446721
PTPRE	221840_PM_at	1.41174	0.4974744	1.91E-06	218157_PM_x_at	CDC42SE1	0.56728261	8.85725925	6.25983	1.50E-09	2.72E-07	11.438159
MTHFD1L	225520_PM_at	1.39047	0.4755726	2.02E-06	235527_PM_at	DLGAP1 /// LOC284214	0.88784967	3.97568642	6.2555623	1.54E-09	2.77E-07	11.415424
C1QC	225353_PM_s_at	2.16081	1.1115722	2.03E-06	232617_PM_at	CTSS	1.15488066	8.35993094	6.2525969	1.56E-09	2.80E-07	11.399634
PMPEA1	217875_PM_s_at	1.66003	0.7312093	2.05E-06	230720_PM_at	RNF182	0.61455071	4.80878459	6.2445942	1.63E-09	2.92E-07	11.357048
SERPINA3	202376_PM_at	4.00107	2.0003859	2.05E-06	211597_PM_s_at	HOPX	1.27639398	7.58123303	6.2367777	1.71E-09	3.03E-07	11.315493
CREB5	205931_PM_s_at	1.75882	0.8146078	2.08E-06	201510_PM_at	ELF3	1.04460996	7.11087975	6.2304383	1.77E-09	3.13E-07	11.281818
CDCA2SE1	218157_PM_x_at	1.4008	0.486251	2.08E-06	200916_PM_at	TAGLN2	0.65351358	9.48506782	6.2266935	1.80E-09	3.18E-07	11.261938
HLA-DQA1 /// HLA-DQA2	212671_PM_s_at	2.33712	1.2247318	2.09E-06	205890_PM_s_at	GABBR1 /// UBD	1.36733821	9.01225795	6.2261003	1.81E-09	3.18E-07	11.25879
RNF125	207735_PM_at	1.40256	0.4880625	2.09E-06	218086_PM_at	NPDC1	0.70126913	6.98510225	6.2245348	1.83E-09	3.19E-07	11.250482
RAB31	217762_PM_s_at	1.6387	0.7125518	2.09E-06	204118_PM_at	CD48	1.62633737	7.15311783	6.2189919	1.88E-09	3.27E-07	11.22108
PRR24	227325_PM_at	1.54645	0.6289602	2.09E-06	209774_PM_x_at	CXCL2	1.20349179	4.99916414	6.2093331	1.99E-09	3.44E-07	11.169892
FCHSD2	203620_PM_s_at	1.2383	0.3083609	2.1E-06	228870_PM_at	FAM84B	-0.41162298	4.16879471	-6.206816	2.02E-09	3.47E-07	11.156563
KCNE3	222922_PM_at	-1.49516	0.5802999	2.1E-06	204923_PM_at	SASH3	1.14351615	5.30048246	6.2054596	2.03E-09	3.48E-07	11.149381
TNFRSF1B	203508_PM_at	1.73216	0.7925722	2.1E-06	212473_PM_s_at	MICAL2	0.82880006	7.75662942	6.2006149	2.09E-09	3.56E-07	11.12374
LOC727820	227383_PM_at	2.03461	1.0247523	2.1E-06	218232_PM_at	C1QA	1.10646513	8.33945163	6.1954702	2.15E-09	3.65E-07	11.096528
SMPDL3A	213624_PM_at	-1.50869	0.5932964	2.1E-06	222986_PM_s_at	SHISA5	0.46231578	8.87474155	6.1942809	2.16E-09	3.65E-07	11.090239
CP	204846_PM_at	2.25985	1.176227	2.13E-06	201418_PM_s_at	SOX4	0.7694941	7.39397825	6.1922889	2.19E-09	3.68E-07	11.079709
ADRA2B	208544_PM_at	-1.32203	0.4027549	2.13E-06	208747_PM_s_at	C1S	0.86661997	10.0843746	6.1883585	2.23E-09	3.74E-07	11.058939
ICAM1	202637_PM_s_at	1.74075	0.799709	2.17E-06	243955_PM_at	---	-1.09493038	5.65480793	-6.181832	2.32E-09	3.85E-07	11.024471
AFAP1	203563_PM_at	1.21698	0.2833055	2.17E-06	229269_PM_x_at	SSBP4	0.54795108	8.90453833	6.1813835	2.32E-09	3.85E-07	11.022104
STAU1	207320_PM_x_at	-1.34584	0.4285069	2.18E-06	222557_PM_at	STMN3	0.62271364	7.63864788	6.1807224	2.33E-09	3.85E-07	11.018614
PLEKH02	204436_PM_at	1.49678	0.5818622	2.18E-06	219371_PM_s_at	KLF2	0.68607688	8.87560728	6.1776386	2.37E-09	3.89E-07	11.002339
SAMHD1	204502_PM_at	1.94625	0.960697	2.19E-06	232543_PM_x_at	ARHGAP9	1.23100816	5.85017843	6.1771099	2.38E-09	3.89E-07	10.99955
KLRB1	214470_PM_at	2.43772	1.2855324	2.21E-06	203780_PM_at	MPZL2	0.67927187	7.73533115	6.1761957	2.39E-09	3.90E-07	10.994727
SECTM1	213716_PM_s_at	1.67322	0.7426271	2.23E-06	203868_PM_s_at	VCAM1	0.68002367	10.6651695	6.1699351	2.47E-09	4.02E-07	10.961712
RRAS	212647_PM_at	1.51587	0.600146	2.26E-06	33323_PM_r_at	SFN1	1.29995804	5.33818099	6.1550352	2.69E-09	4.34E-07	10.883238
CDS2	204661_PM_at	2.92584	1.5488509	2.3E-06	211742_PM_s_at	EVI2B	1.42205759	7.1557032	6.1536571	2.71E-09	4.36E-07	10.875987
SURF6	225038_PM_s_at	-1.34067	0.4229542	2.3E-06	211160_PM_x_at	ACTN1	0.85232786	7.58020234	6.1519022	2.73E-09	4.38E-07	10.866755
LOC729887	230591_PM_at	-1.32855	0.4098525	2.31E-06	223454_PM_at	CXCL16	0.85790928	6.98099773	6.148883	2.78E-09	4.44E-07	10.850877
CXCL1	204470_PM_at	2.86639	1.5192349	2.32E-06	233337_PM_s_at	SEZ6L2	0.79927303	4.80446027	6.1457958	2.83E-09	4.49E-07	10.834648
CASP1	206011_PM_at	1.96263	0.9727882	2.62E-06	205931_PM_s_at	CREB5	1.02483539	6.44138506	6.1413811	2.90E-09	4.58E-07	10.81145
MYO1G	227799_PM_at	1.35605	0.4394104	2.7E-06	211656_PM_x_at	HLA-DQB1 /// LOC100294318	0.94545593	9.25860255	6.140804	2.91E-09	4.58E-07	10.808418
PVALB	205336_PM_at	-2.2572	1.1745343	2.72E-06	225478_PM_at	MFHAS1	0.40932281	8.84920909	6.1351062	3.00E-09	4.71E-07	10.778499
PSMB8	209040_PM_s_at	1.56268	0.6440224	2.73E-06	201670_PM_s_at	MARCKS	0.9434563	8.022048	6.1327266	3.04E-09	4.75E-07	10.76601
AG2	227099_PM_s_at	1.95519	0.9673088	2.73E-06	224451_PM_x_at	ARHGAP9	1.20932345	6.05032011	6.131437	3.06E-09	4.76E-07	10.759243
CPA3	205624_PM_at	3.18019	1.669113	2.76E-06	1558517_PM_s_at	LRRRC8	0.32483284	4.14303725	6.1299564	3.09E-09	4.78E-07	10.751475
CD48	204118_PM_at	1.92184	0.9424882	2.76E-06	203647_PM_s_at	FDX1	-0.53806222	10.0417999	-6.120572	3.25E-09	5.01E-07	10.702273
BAZ1A	217985_PM_s_at	1.66636	0.7367001	2.76E-06	207048_PM_at	SLC6A11	-0.31528975	4.07021068	-6.116415	3.33E-09	5.10E-07	10.680496
HEYL	220662_PM_s_at	1.25701	0.3299961	2.77E-06	1569926_PM_s_at	SLC34A3	-0.49249037	3.98815457	-6.116071	3.33E-09	5.10E-07	10.678696
EMB	226789_PM_at	2.16831	1.116571	2.77E-06	240857_PM_at	DNAH9	0.29222704	3.40008872	6.111751	3.41E-09	5.20E-07	10.656077
CD1C	205987_PM_at	2.12752	1.0891727	2.78E-06	1559641_PM_at	---	-0.33919254	4.12561198	-6.106548	3.51E-09	5.31E-07	10.628853
TM4SF5	206242_PM_at	-1.80583	0.8526621	2.78E-06	223467_PM_at	RASD1	1.16807534	7.62877534	6.1062588	3.52E-09	5.31E-07	10.627339
AZLD1	232422_PM_at	-1.77136	0.8248574	2.86E-06	206118_PM_at	STAT4	0.98549773	4.77390413	6.1032981	3.58E-09	5.38E-07	10.611856
CDC25B	201853_PM_s_at	1.49984	0.5848086	2.92E-06	212472_PM_at	MICAL2	0.82850702	5.40875366	6.0974962	3.69E-09	5.53E-07	10.58153
NUAK1	204589_PM_at	1.53844	0.6214682	2.92E-06	225415_PM_at	DTX3L	0.61887189	8.57731625	6.0947682	3.75E-09	5.59E-07	10.567278
XCL1 /// XCL2	214567_PM_s_at	2.37905	1.2503856	3.01E-06	208436_PM_s_at	IRF7	0.96656948	6.58233294	6.092201	3.80E-09	5.65E-07	10.553871
MCAM	209086_PM_x_at	1.6564	0.7280511	3.12E-06	209529_PM_at	PPAP2C	0.71674038	4.37321844	6.0906862	3.83E-09	5.66E-07	10.545962
RNLS	223824_PM_at	-1.5429	0.6256446	3.14E-06	214369_PM_s_at	RASGRP2	0.84496725	4.80783472	6.0902861	3.84E-09	5.66E-07	10.543873
TNFAIP2	202509_PM_s_at	1.45302	0.5390546	3.16E-06	231697_PM_s_at	---	1.10269122	4.66708914	6.0888165	3.87E-09	5.69E-07	10.536202
HLA-DPA1	211990_PM_at	1.79198	0.8415545	3.18E-06	206336_PM_at	CXCL6	1.79994123	5.18615647	6.086029	3.93E-09	5.72E-07	10.521655
ASB9	205673_PM_s_at	-1.79403	0.843204	3.18E-06	202803_PM_s_at	ITGB2	1.22293043	7.72831774	6.0854768	3.94E-09	5.72E-07	10.518774
TCL6	207894_PM_s_at	-1.36364	0.4474628	3.19E-06	205044_PM_at	GABRP	1.11427857	4.60021095	6.084207	3.97E-09	5.72E-07	10.51215
UQCRC10	218190_PM_s_at	-1.24133	0.3118867	3.21E-06	235085_PM_at	SGK223	0.60217922	8.12107265	6.0840499	3.97E-09	5.72E-07	10.511331
NFS1	218455_PM_at	-1.38432	0.4691775	3.21E-06	235229_PM_at	---	1.58050103	6.80223098	6.084011	3.98E-09	5.72E-07	10.511127

IL15RA	207375_PM_s_at	1.60325	0.6809994	3.26E-06	208998_PM_at	UCP2	1.09327496	9.1527238	6.0822929	4.01E-09	5.76E-07	10.502166
MGC4294	220698_PM_at	-1.20394	0.2677635	3.26E-06	1556389_PM_at	CNPY3	0.6846024	5.08287297	6.0807896	4.05E-09	5.76E-07	10.494327
RNF145	226077_PM_at	1.30081	0.3794103	3.27E-06	224929_PM_at	TMEM173	0.87423411	6.0939388	6.0806504	4.05E-09	5.76E-07	10.493601
AXL	202685_PM_s_at	1.44214	0.5282112	3.27E-06	201859_PM_at	SRGN	0.68538943	10.9792472	6.0737931	4.20E-09	5.95E-07	10.457861
KCNJ3	207141_PM_s_at	-1.33919	0.4213607	3.28E-06	201939_PM_at	PLK2	0.80756332	7.38285885	6.07307	4.22E-09	5.95E-07	10.454094
ZFP36L1	211962_PM_s_at	1.41378	0.4995576	3.35E-06	243526_PM_at	WDR86	0.38967578	3.73194181	6.0726773	4.23E-09	5.95E-07	10.452049
LOC645895 /// MYBL1	231268_PM_at	-1.52279	0.606717	3.36E-06	221058_PM_s_at	KLXF	0.63013371	8.72731687	6.0718942	4.25E-09	5.96E-07	10.44797
KIAA1274	231887_PM_s_at	1.45164	0.5376837	3.36E-06	211368_PM_s_at	CASP1	1.01215274	7.31794269	6.0708229	4.27E-09	5.97E-07	10.44239
MICAL2	212472_PM_at	1.76104	0.8164277	3.37E-06	218322_PM_s_at	ACSL5	0.70189491	6.42571216	6.0689145	4.32E-09	6.00E-07	10.432452
ARHGAP25	204882_PM_at	1.68796	0.7552807	3.37E-06	242874_PM_at	---	0.68602824	5.16196321	6.0683751	4.33E-09	6.00E-07	10.429644
STK10	203047_PM_at	1.41638	0.5022084	3.38E-06	209670_PM_at	TRAC	1.25631015	7.3567588	6.0596401	4.54E-09	6.27E-07	10.384193
LAX1	207734_PM_at	1.40398	0.4895224	3.39E-06	225080_PM_at	MYO1C	0.46474065	8.34507876	6.0579822	4.59E-09	6.31E-07	10.375571
MST4	218499_PM_at	1.57651	0.6567343	3.39E-06	230550_PM_at	MS4A6A	1.22756955	6.73505034	6.0551236	4.66E-09	6.38E-07	10.36071
MAGI1	206144_PM_at	-1.29095	0.3684331	3.4E-06	202901_PM_x_at	CTSS	1.24882107	7.75821554	6.0546274	4.67E-09	6.38E-07	10.358132
ARHGAP9	224451_PM_x_at	2.03748	1.0267859	3.44E-06	212099_PM_at	RHOB	0.5753269	9.02658551	6.0537064	4.69E-09	6.39E-07	10.353345
IVD	203682_PM_s_at	-1.40067	0.4861171	3.48E-06	201416_PM_at	SOX4	0.88506056	9.01161109	6.049802	4.80E-09	6.50E-07	10.33306
IFNAR2	204785_PM_x_at	1.28437	0.3610609	3.5E-06	209312_PM_x_at	HLA-DRB1 /// HLA-DRB4	0.65795944	11.7094524	6.0462053	4.89E-09	6.61E-07	10.314382
C17orf62	218130_PM_at	1.38163	0.4663713	3.52E-06	203769_PM_s_at	STS	0.58586655	5.59205781	6.0398599	5.06E-09	6.79E-07	10.28145
COL4A2	211964_PM_at	1.61415	0.6907747	3.54E-06	242916_PM_at	CEP110	0.91925801	5.73481689	6.0397133	5.07E-09	6.79E-07	10.28069
NPHS1	207673_PM_at	-1.77154	0.825004	3.58E-06	205624_PM_at	CPA3	1.65368456	6.10724271	6.0392714	5.08E-09	6.79E-07	10.278398
KCNN2	220116_PM_at	-1.95169	0.9647239	3.61E-06	226525_PM_at	STK17B	1.08469906	7.49100429	6.0291981	5.37E-09	7.14E-07	10.226176
NECAB2	215005_PM_at	-1.83644	0.8769118	3.62E-06	222062_PM_at	IL27RA	0.95050312	5.25827005	6.0271884	5.43E-09	7.20E-07	10.215766
FCGR2B	210889_PM_s_at	2.19364	1.1333268	3.76E-06	234764_PM_x_at	IGLV1-44	2.19228125	6.40116906	6.0244835	5.51E-09	7.28E-07	10.201758
VWF	202112_PM_at	1.67907	0.7476624	3.77E-06	38487_PM_at	STAB1	0.85209727	7.35398154	6.0141667	5.82E-09	7.67E-07	10.148375
LONRF3	220009_PM_at	-1.31784	0.3981752	3.81E-06	233047_PM_at	FRMD7	-0.47934486	4.39568586	-6.013594	5.84E-09	7.67E-07	10.145415
ISCA1	209273_PM_s_at	-1.37998	0.4646474	3.89E-06	213733_PM_at	MYO1F	0.91981261	5.62089458	6.0110398	5.92E-09	7.75E-07	10.132208
MYO7A	208189_PM_s_at	-1.32984	0.4112527	3.98E-06	225258_PM_at	FBLIM1	0.79568348	8.06896311	6.0084211	6.01E-09	7.83E-07	10.118675
LYN	202625_PM_at	1.66488	0.7354182	4.03E-06	214181_PM_x_at	LST1	1.25382982	7.17400281	6.0077794	6.03E-09	7.83E-07	10.115359
CEP110	205642_PM_at	1.44751	0.5335733	4.07E-06	216515_PM_x_at	PTMA	0.25982806	11.4667899	6.0032887	6.18E-09	8.00E-07	10.092162
FPR1	205119_PM_s_at	1.77767	0.8299875	4.13E-06	227167_PM_s_at	---	0.74307874	7.69613115	6.0025374	6.21E-09	8.00E-07	10.088283
SLP1	203021_PM_at	3.16265	1.6611339	4.13E-06	240886_PM_at	CASR	-0.54741016	4.76113383	-6.001205	6.25E-09	8.03E-07	10.081404
RRP7A /// RRP7B	202938_PM_x_at	-1.23196	0.3009554	4.15E-06	243135_PM_x_at	LOC100287081	-0.47073122	4.18502229	-5.999395	6.31E-09	8.08E-07	10.072061
PLTP	202075_PM_s_at	1.93736	0.9540921	4.15E-06	202686_PM_s_at	AXL	0.92918564	7.03357448	5.9956069	6.44E-09	8.22E-07	10.052513
CD86	205685_PM_at	1.45553	0.5415446	4.15E-06	203416_PM_at	CD53	1.20963789	8.4814756	5.9934181	6.52E-09	8.29E-07	10.041223
SLC6A11	207048_PM_at	-1.26389	0.3378709	4.21E-06	227344_PM_at	IKZF1	0.88430536	4.60348977	5.9891069	6.67E-09	8.46E-07	10.018994
GGT5	205582_PM_s_at	1.5766	0.6568167	4.21E-06	209087_PM_x_at	MCAM	0.77470925	8.00059515	5.9866679	6.76E-09	8.54E-07	10.006423
MIR155HG	229437_PM_at	1.78336	0.834598	4.23E-06	202748_PM_at	GBP2	0.99008954	8.16993256	5.9834705	6.88E-09	8.66E-07	9.9899504
EFCAB4B	228752_PM_at	1.52589	0.609651	4.27E-06	229390_PM_at	FAM26F	1.55755252	7.98380037	5.9800669	7.01E-09	8.79E-07	9.9724222
TLR2	204924_PM_at	1.58142	0.6612206	4.27E-06	203592_PM_s_at	FSTL3	0.64582192	5.76106755	5.9751755	7.20E-09	9.00E-07	9.9472454
MARCKS	201668_PM_x_at	1.94675	0.9610676	4.28E-06	201891_PM_s_at	B2M	0.1571961	13.2435956	5.9739553	7.25E-09	9.03E-07	9.9409672
S100A2	204268_PM_at	1.87379	0.9059593	4.3E-06	216526_PM_x_at	HLA-C	0.33282329	12.4193367	5.9683645	7.47E-09	9.25E-07	9.912214
C21orf63	227188_PM_at	1.53537	0.6185864	4.31E-06	205097_PM_at	SLC26A2	0.82366915	6.19649104	5.9682849	7.47E-09	9.25E-07	9.9118048
MID1	203636_PM_at	1.46501	0.5509105	4.31E-06	240686_PM_x_at	TFRC	-0.5733173	5.01285384	-5.966921	7.53E-09	9.28E-07	9.9047954
CDH3	203256_PM_at	1.73609	0.7958417	4.31E-06	222217_PM_s_at	SLC27A3	0.55270818	6.70912276	5.9664364	7.55E-09	9.28E-07	9.9023027
CXCL16	223454_PM_at	1.81743	0.8618998	4.41E-06	221666_PM_s_at	PYCARD	1.00582531	6.33139515	5.9617326	7.74E-09	9.49E-07	9.8781327
ADI1	217761_PM_at	-1.36701	0.4510238	4.48E-06	200791_PM_s_at	IQGAP1	0.43126436	9.7642111	5.9600604	7.81E-09	9.54E-07	9.869544
HLA-A /// LOC441528	215313_PM_x_at	1.26826	0.3428505	4.51E-06	200121_PM_at	VWF	1.41701999	7.70608253	5.9574572	7.92E-09	9.63E-07	9.8561771
WNT8B	207612_PM_at	-1.25515	0.3278598	4.64E-06	218543_PM_s_at	PARP12	0.59354225	8.06912508	5.9571846	7.94E-09	9.63E-07	9.8547776
ACAT1	205412_PM_at	-1.36227	0.4460127	4.8E-06	206082_PM_at	HCP5	0.91020286	7.58907911	5.9565545	7.96E-09	9.63E-07	9.8515431
MYD88	219574_PM_at	1.86447	0.8987656	4.83E-06	220005_PM_at	P2RY13	0.9846503	4.71709734	5.9549756	8.03E-09	9.68E-07	9.8434387
NFE2L3	209124_PM_at	1.25732	0.3303519	4.83E-06	232206_PM_at	ULK4	-0.6797483	4.92539158	-5.952939	8.12E-09	9.75E-07	9.8329881
SCNN1A	204702_PM_s_at	1.37484	0.4592637	4.88E-06	212575_PM_at	C19orf6	-0.45055951	3.94527414	-5.952369	8.14E-09	9.75E-07	9.8300634
CD97	203453_PM_at	-1.38613	0.4710626	4.88E-06	158034_PM_s_at	CP	1.07888735	4.94333002	5.94774	8.35E-09	9.97E-07	9.8063205
VOPP1	202910_PM_s_at	1.7043	0.7691793	4.89E-06	231001_PM_at	FIBIN	0.83384923	6.57153487	5.9466175	8.40E-09	1.00E-06	9.8005653
CD8A	208091_PM_s_at	1.35903	0.4425773	5.02E-06	208296_PM_x_at	TNFAlP8	0.65502599	8.22141329	5.9460003	8.43E-09	1.00E-06	9.7974014
GYP A	205758_PM_at	2.41438	1.2716528	5.05E-06	209536_PM_s_at	EHD4	0.45280025	8.60516882	5.9445955	8.49E-09	1.00E-06	9.7902002
GLTPD2	211820_PM_x_at	-1.26977	0.3445672	5.05E-06	216671_PM_x_at	MUC8	-0.58825702	5.35508011	-5.943193	8.56E-09	1.01E-06	9.78301
FCGR2A	230971_PM_x_at	-1.71616	0.7791841	5.06E-06	242814_PM_at	SERP1NB9	1.02412654	6.08488639	5.9414563	8.64E-09	1.01E-06	9.7741133
C10orf10	203561_PM_at	1.97302	0.9804056	5.06E-06	227125_PM_at	LOC100288432	0.80049669	6.78172705	5.9412015	8.65E-09	1.01E-06	9.7728079
KLHD2C	209182_PM_s_at	1.45983	0.5458004	5.06E-06	222923_PM_s_at	KCNE3	-0.66312369	5.04960653	-5.940905	8.66E-09	1.01E-06	9.771291
SLAMF8	217906_PM_at	-1.23726	0.3071487	5.07E-06	226474_PM_at	NLRCS	1.06258109	6.86994549	5.9391408	8.75E-09	1.02E-06	9.7622521
TCEA3	219385_PM_at	1.7795	0.8314719	5.07E-06	244455_PM_at	KCNT2	0.99229603	5.99882261	5.937736	8.81E-09	1.02E-06	9.7550575
SH3BGR13	226388_PM_at	-1.2948	0.3727293	5.17E-06	211990_PM_at	HLA-DPA1	0.594094	12.1003507	5.9356709	8.91E-09	1.03E-06	9.7444831
AMZ1	221269_PM_s_at	1.47055	0.5563558	5.22E-06	213037_PM_x_at	STAU1	-0.36931284	10.801481	-5.934955	8.95E-09	1.03E-06	9.7408208
	1561179_PM_s_at	-1.28668	0.3636533	5.26E-06	213760_PM_s_at	ZNF330	-0.64157894	6.50475511	-5.932435	9.07E-09	1.04E-06	9.727922

POU2AF1	205267_PM_at	1.7201	0.7824924	5.29E-06	217757_PM_at	A2M	0.512191	11.6443093	5.9268081	9.35E-09	1.07E-06	9.6991347
CRABP1	205350_PM_at	-1.49023	0.575535	5.44E-06	212975_PM_at	DENND3	0.60967566	6.78553253	5.9230885	9.54E-09	1.09E-06	9.680118
EVPLL /// LOC100132977	236933_PM_at	-1.2472	0.3186928	5.44E-06	208812_PM_x_at	HLA-C	0.37881348	12.3543385	5.9230128	9.54E-09	1.09E-06	9.6797313
TMPRSS2	205102_PM_at	-1.52104	0.6050581	5.45E-06	203932_PM_at	HLA-DMB	0.78469188	9.4152204	5.919505	9.72E-09	1.10E-06	9.661806
MRO	224323_PM_s_at	-2.43891	1.2862365	5.45E-06	203256_PM_at	CDH3	0.87700896	7.40842173	5.9191739	9.74E-09	1.10E-06	9.6601142
TBC1D2B	212796_PM_s_at	1.26945	0.3442036	5.58E-06	228964_PM_at	PRDM1	1.07407063	5.038442	5.9182253	9.79E-09	1.10E-06	9.6552683
SLC2A3	202497_PM_x_at	1.4924	0.5776343	5.58E-06	211991_PM_s_at	HLA-DPA1	0.89875556	11.0375064	5.9175919	9.83E-09	1.11E-06	9.6520333
MBOAT1	227379_PM_at	1.54611	0.628643	5.7E-06	1559960_PM_x_at	SYCE1L	0.81830605	6.99852634	5.9152906	9.95E-09	1.11E-06	9.6402803
LRRRC8C	223533_PM_at	1.27582	0.3514248	5.71E-06	201853_PM_s_at	CDCC25B	0.60569516	7.13766703	5.915025	9.96E-09	1.11E-06	9.6389241
DENND3	212974_PM_at	1.24622	0.3175588	5.72E-06	228532_PM_at	C1orf162	1.2091671	7.03925487	5.9133995	1.00E-08	1.12E-06	9.6306255
PHF11	221816_PM_s_at	1.37364	0.458004	5.74E-06	235952_PM_at	---	0.33868231	3.60612718	5.9092309	1.03E-08	1.14E-06	9.6093507
PTPM1	223808_PM_s_at	-1.24086	0.3113404	5.75E-06	206011_PM_at	CASP1	1.04958126	6.77060522	5.8956868	1.11E-08	1.22E-06	9.5403067
TUBGCP2	202476_PM_s_at	-1.46865	0.5544906	5.86E-06	214617_PM_at	PRF1	1.02903414	5.61656701	5.8935509	1.12E-08	1.24E-06	9.5294295
LOC100287098	240617_PM_at	-1.37613	0.4606168	5.88E-06	202208_PM_s_at	ARL4C	0.77531389	6.4127499	5.8888081	1.15E-08	1.26E-06	9.5052875
SS18L1	213140_PM_s_at	-1.32	0.4005379	5.92E-06	222024_PM_s_at	AKAP13	0.65771129	8.17220926	5.8872806	1.16E-08	1.27E-06	9.4975156
IGK@ /// IGKC /// LOC652493 /// LOC652694	216576_PM_x_at	2.64556	1.4035731	5.93E-06	228188_PM_at	FOSL2	0.64725112	8.59846474	5.8865199	1.16E-08	1.27E-06	9.4936456
MYC	202431_PM_s_at	1.37114	0.4553759	5.94E-06	230676_PM_s_at	TMEM19	-0.61442248	5.33192628	-5.884494	1.17E-08	1.28E-06	9.4833407
NGK7	213915_PM_at	2.15491	1.1076276	5.96E-06	230343_PM_at	---	0.51563978	4.41242661	5.8843841	1.17E-08	1.28E-06	9.4827817
LCK	204890_PM_s_at	1.92522	0.9450233	5.96E-06	203104_PM_at	CSF1R	0.95649845	6.20044407	5.8823207	1.19E-08	1.29E-06	9.4722893
LPPR4	213496_PM_at	-1.49464	0.579798	5.98E-06	202795_PM_x_at	TRIOBP	0.38693635	8.88650304	5.8712613	1.26E-08	1.36E-06	9.4160995
RAI2	219440_PM_at	1.45599	0.5420004	5.99E-06	227184_PM_at	PTAFR	1.04539985	6.68523477	5.8680884	1.28E-08	1.38E-06	9.3999994
C11orf71	218789_PM_s_at	-1.47243	0.558199	6.04E-06	214470_PM_at	KLRB1	1.29418617	5.98385616	5.8640858	1.31E-08	1.41E-06	9.3796866
CYTIIP	209606_PM_at	2.17921	1.1238052	6.05E-06	200709_PM_at	FKBP1A	0.6180822	8.75842286	5.8635926	1.31E-08	1.41E-06	9.377185
BTG2	201235_PM_s_at	1.3392	0.4213714	6.05E-06	227039_PM_at	AKAP13	0.9136103	5.62387907	5.8612681	1.33E-08	1.42E-06	9.3653972
ARPC1B	201954_PM_at	2.46039	1.298887	6.06E-06	1561179_PM_s_at	AMZ1	-0.39774514	4.51698441	-5.857995	1.35E-08	1.44E-06	9.3488062
MMD	203414_PM_at	1.31303	0.3928999	6.08E-06	217573_PM_at	GRIN2C	-0.29399846	3.96651295	-5.857432	1.36E-08	1.44E-06	9.3459492
C17orf49	224574_PM_at	1.30712	0.3863916	6.14E-06	207685_PM_at	CRYBB3	-0.55213991	4.63578011	-5.855746	1.37E-08	1.45E-06	9.3374064
ZFHX3	208033_PM_s_at	1.30451	0.383508	6.18E-06	230500_PM_at	SLC2A12	-0.4899368	4.100079	-5.854308	1.38E-08	1.46E-06	9.3301202
DNAJC19	225358_PM_at	-1.41424	0.500027	6.2E-06	1554376_PM_s_at	PTPLA	-0.56286786	4.49197787	-5.854111	1.38E-08	1.46E-06	9.3291258
KLK1	216699_PM_s_at	-2.708	1.4372277	6.21E-06	1552997_PM_a_at	IQCF1	-0.307451	4.22993753	-5.851373	1.40E-08	1.47E-06	9.315255
CHD8	212571_PM_at	1.34043	0.4226959	6.21E-06	222650_PM_s_at	SLC2A4RG	-0.5521427	4.90683707	-5.845418	1.45E-08	1.52E-06	9.2851159
NNMT	202238_PM_s_at	2.19778	1.136047	6.27E-06	213975_PM_s_at	LYZ	1.39345058	9.71914196	5.8442471	1.46E-08	1.52E-06	9.27919
PLAC8	219014_PM_at	2.68079	1.4226582	6.4E-06	203954_PM_x_at	CLDN3	0.87415262	6.54538491	5.8421932	1.47E-08	1.53E-06	9.2688009
LOC100134361	229930_PM_at	1.47399	0.5597267	6.4E-06	213160_PM_at	DOCK2	1.12384735	5.52174989	5.8340788	1.54E-08	1.60E-06	9.2277827
DIP2C	212503_PM_s_at	-1.45555	0.5415644	6.43E-06	228471_PM_at	ANKRD44	0.91223113	7.32022531	5.8297046	1.57E-08	1.63E-06	9.2056892
UBE2L6	201649_PM_at	1.46575	0.5516391	6.49E-06	1555759_PM_a_at	CCL5	1.55810826	7.38299217	5.8273777	1.59E-08	1.65E-06	9.1939418
IDH1	201193_PM_at	-1.50367	0.588488	6.56E-06	201700_PM_at	CNCD3	0.53878299	8.17379146	5.8245518	1.62E-08	1.67E-06	9.1796799
ARRDC2	226055_PM_at	1.66068	0.7317741	6.58E-06	232231_PM_at	RUNX2	1.03376515	5.02500476	5.8230222	1.63E-08	1.68E-06	9.1719624
AMICA1	228094_PM_at	1.72097	0.7832219	6.59E-06	229041_PM_s_at	---	1.25647105	5.82641003	5.8203931	1.65E-08	1.69E-06	9.1587009
CSF2RB	205159_PM_at	2.31889	1.2134344	6.72E-06	205488_PM_at	GZMA	1.46167756	6.5398951	5.8192413	1.66E-08	1.70E-06	9.1528927
UBE2QL1	226612_PM_at	-1.76895	0.8228933	6.76E-06	201954_PM_at	ARPC1B	1.25791146	7.61093466	5.8185319	1.67E-08	1.70E-06	9.1493161
C2orf72	213143_PM_at	-1.23755	0.3074868	6.78E-06	200904_PM_at	HLA-E	0.52353114	10.4547579	5.8125062	1.72E-08	1.75E-06	9.1189472
ALB	211298_PM_s_at	-4.11767	2.0418282	6.83E-06	203882_PM_at	IRF9	0.55204466	9.60655913	5.8059853	1.78E-08	1.80E-06	9.0861099
ZYG11A	231517_PM_at	-1.92637	0.9458848	6.83E-06	208657_PM_s_at	---	0.52874031	7.72473261	5.8059136	1.78E-08	1.80E-06	9.0857489
LOC100289210	229291_PM_at	-1.22711	0.2952646	6.9E-06	224809_PM_x_at	TINF2	0.27595412	8.97804977	5.8042484	1.80E-08	1.81E-06	9.0773681
NELL1	206089_PM_at	-1.45521	0.5412274	6.97E-06	226017_PM_at	CMTRM7	0.50341273	8.79233854	5.80423	1.80E-08	1.81E-06	9.0772756
ASB15	1564679_PM_at	-1.48838	0.5737429	7E-06	223640_PM_at	HCST	1.06213874	6.961148	5.8034434	1.81E-08	1.81E-06	9.0733174
CHST11	219634_PM_at	1.40119	0.4866526	7E-06	231887_PM_s_at	KIAA1274	0.55608979	5.28224745	5.8007689	1.83E-08	1.83E-06	9.0598622
C2CD2	212875_PM_s_at	1.4031	0.4886178	7.04E-06	200630_PM_x_at	SET	0.2411518	11.2669701	5.7989511	1.85E-08	1.85E-06	9.0507198
SAMD3	236782_PM_at	1.58295	0.6626157	7.06E-06	212592_PM_at	IGJ	2.19772504	8.61748587	5.7953956	1.89E-08	1.88E-06	9.0328443
APOBEC3G	204205_PM_at	1.37026	0.4544497	7.15E-06	235242_PM_at	---	0.60402264	7.17384374	5.787825	1.96E-08	1.95E-06	8.9948105
GPR98	223582_PM_at	-2.62258	1.3909868	7.2E-06	212338_PM_at	MYO1D	0.52740212	6.13750558	5.7847952	2.00E-08	1.98E-06	8.9796003
LAT2	211768_PM_at	1.25129	0.3234162	7.21E-06	237623_PM_at	CST3	0.4051935	4.52472156	5.7839276	2.01E-08	1.98E-06	8.9752456
MLKL	238025_PM_at	1.56773	0.6486771	7.22E-06	229264_PM_at	---	0.66558377	7.02814888	5.7801085	2.05E-08	2.01E-06	8.9560387
RAB40B	204547_PM_at	-1.31382	0.3937676	7.24E-06	242931_PM_at	LONRF3	-0.60737082	7.41424714	-5.7779	2.07E-08	2.03E-06	8.9450056
TYROBP	204122_PM_at	1.93693	0.9537718	7.25E-06	204429_PM_s_at	SLC2A5	-1.21300879	5.69208779	-5.776979	2.08E-08	2.04E-06	8.9403909
SLC2A5	204429_PM_s_at	-1.91328	0.936048	7.25E-06	208549_PM_x_at	PTMA	0.33741814	10.9972974	5.7759516	2.09E-08	2.04E-06	8.9352379
RASGRP2	208206_PM_s_at	1.46742	0.5532819	7.26E-06	226535_PM_at	ITGB6	1.36927314	8.90729071	5.7747666	2.11E-08	2.05E-06	8.9292972
KLF4	220266_PM_s_at	1.56399	0.6452313	7.33E-06	229998_PM_x_at	FAM176B	-0.65741719	5.59386599	-5.76674	2.20E-08	2.13E-06	8.8890862
SELL	204563_PM_at	2.4038	1.2653169	7.33E-06	231268_PM_at	LOC645895 /// MYBL1	-0.56454222	4.66129475	-5.760843	2.27E-08	2.19E-06	8.8595723
ITPR1PL2	227514_PM_at	1.55643	0.6382407	7.34E-06	234688_PM_x_at	CNTR0B	-0.34968093	4.15387217	-5.759138	2.29E-08	2.21E-06	8.8510406
RAB6A	201045_PM_s_at	-1.23342	0.3026641	7.35E-06	221253_PM_s_at	MUTED /// TXNDC5	0.40059207	10.5387757	5.758668	2.29E-08	2.21E-06	8.8486899
APOL6	219716_PM_at	1.55686	0.6386392	7.35E-06	204912_PM_at	IL10RA	1.19417966	6.55686898	5.7550715	2.34E-08	2.25E-06	8.8307056
LOC153328	231372_PM_at	-1.54066	0.6235485	7.35E-06	226055_PM_at	ARRDC2	0.69739437	6.03696702	5.7530523	2.36E-08	2.26E-06	8.820612
ZFP36	201531_PM_at	1.38657	0.4715205	7.36E-06	213373_PM_s_at	CASP8	0.400891	8.35190513	5.7515491	2.38E-08	2.28E-06	8.8131001

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SPATA17	230763_PM_at	-1.58696	0.6662658	7.36E-06	221756_PM_at	PIK3IP1	0.43744817	8.18961915	5.7469238	2.44E-08	2.33E-06	8.7899953
MPEG1	226818_PM_at	2.13895	1.0969028	7.49E-06	224754_PM_at	SP1	0.39248897	9.15240952	5.7447083	2.47E-08	2.34E-06	8.778933
CSTA	204971_PM_at	2.07076	1.0501604	7.51E-06	205068_PM_s_at	ARHGAP26	0.58412389	6.25523956	5.7445081	2.47E-08	2.34E-06	8.7779336
IL4R	203233_PM_at	1.27197	0.3470646	7.55E-06	208659_PM_at	CLIC1	0.48227085	10.4681445	5.7436577	2.48E-08	2.35E-06	8.7736884
C2CD4B	229727_PM_x_at	-1.40604	0.4916376	7.68E-06	201188_PM_s_at	ITPR3	0.73998559	4.9719585	5.7430612	2.49E-08	2.35E-06	8.7707111
CASR	210577_PM_at	-1.42672	0.5127022	7.68E-06	201502_PM_s_at	NFKBIA	0.45238463	9.94613206	5.7412899	2.51E-08	2.37E-06	8.761871
MAST2	211593_PM_s_at	-1.26088	0.334431	7.7E-06	222802_PM_at	EDN1	0.69743286	6.5820942	5.7398043	2.53E-08	2.38E-06	8.7544591
PARP9	227807_PM_at	1.41569	0.5015054	7.72E-06	218264_PM_at	BCCIP	-0.38439788	8.174999	-5.738856	2.54E-08	2.38E-06	8.7497297
IRF7	208436_PM_s_at	1.57063	0.6513434	7.78E-06	41220_PM_at		0.45015569	10.0052486	5.7362145	2.58E-08	2.41E-06	8.7365539
C2orf88	223754_PM_at	-1.41584	0.5016582	7.83E-06	203828_PM_s_at	IL32	0.88150967	7.88544197	5.733662	2.61E-08	2.44E-06	8.7238277
CST3	201360_PM_at	1.28852	0.3657149	7.85E-06	205174_PM_s_at	QPCT	0.93142963	7.03197539	5.733012	2.62E-08	2.44E-06	8.720588
HLA-DRB6	217362_PM_x_at	1.4413	0.5273707	7.93E-06	224324_PM_at	MRO	-1.32738657	5.26953396	-5.732106	2.64E-08	2.45E-06	8.7160704
RHOG	203175_PM_at	1.44003	0.5260989	7.99E-06	201289_PM_at	CYR61	0.97715104	7.13078555	5.7309817	2.65E-08	2.45E-06	8.7104693
CYP3A4	205998_PM_x_at	-1.68477	0.7525517	8.05E-06	1568736_PM_s_at	---	1.06401993	4.37821332	5.7304515	2.66E-08	2.45E-06	8.7078277
CIITA	205101_PM_at	1.59697	0.6753372	8.05E-06	216888_PM_at	LDB3	-0.31923102	4.35678209	-5.73006	2.66E-08	2.45E-06	8.7058784
FRMD7	233047_PM_at	-1.45362	0.5396502	8.06E-06	208367_PM_x_at	CYP3A4	-0.96359108	5.18381916	-5.729948	2.67E-08	2.45E-06	8.7053174
CCNJ	219470_PM_x_at	1.2727	0.3478924	8.07E-06	211798_PM_x_at	IGLJ3	2.0062323	5.83902173	5.7287502	2.68E-08	2.46E-06	8.6993514
CHCHD4	229595_PM_at	-1.2266	0.2946649	8.1E-06	229228_PM_at	CREB5	0.82416559	6.48042536	5.7274598	2.70E-08	2.47E-06	8.6929241
MGC29506	221286_PM_s_at	2.64526	1.4034095	8.22E-06	206254_PM_at	EGF	-1.42640629	8.71544508	-5.72123	2.79E-08	2.54E-06	8.6623576
PRKCDBP	213010_PM_at	1.52369	0.6075694	8.26E-06	218254_PM_s_at	SAR1B	-0.32584416	9.74605466	-5.720067	2.81E-08	2.54E-06	8.6561237
CD3D	213539_PM_at	2.58673	1.3711295	8.4E-06	210785_PM_s_at	C1orf38	1.11773822	5.18180788	5.7200074	2.81E-08	2.54E-06	8.6558248
GMIP	218913_PM_s_at	1.38063	0.4653267	8.49E-06	201818_PM_at	LPCAT1	0.77414228	7.34056271	5.719985	2.81E-08	2.54E-06	8.6557133
MAP1B	212233_PM_at	1.77929	0.8313017	8.51E-06	210074_PM_at	CTSL2	-1.09426298	7.44242068	-5.717544	2.85E-08	2.57E-06	8.643569
ITGB2	202803_PM_s_at	1.81558	0.8604305	8.52E-06	211096_PM_at	PBX2	-0.44186629	4.86994341	-5.717002	2.85E-08	2.57E-06	8.6408748
ADSS1	226325_PM_at	-1.37097	0.455197	8.82E-06	217281_PM_x_at	IGHA // IGH1 // IGH2 // IGH3 // IGH4 // IGH5 // IGH6 // IGH7 // IGH8 // IGH9 // IGH10	1.79326328	5.26474618	5.715848	2.87E-08	2.58E-06	8.6351356
IL1R1	202948_PM_at	1.38486	0.4697401	8.94E-06	209879_PM_at	SEPLG	0.95312622	5.79695086	5.7109712	2.95E-08	2.64E-06	8.6108921
ROGDI	218394_PM_at	-1.41795	0.5038067	8.94E-06	205547_PM_s_at	TAGLN	0.87302013	9.10848793	5.7106896	2.95E-08	2.64E-06	8.6094929
TGFB1	201506_PM_at	1.75097	0.8081544	8.95E-06	231765_PM_at	ZFYVE20	-0.56100336	5.8201876	-5.709714	2.97E-08	2.64E-06	8.6046469
CRIP1	205081_PM_at	1.84002	0.8797214	8.96E-06	204396_PM_s_at	GRK5	0.75977325	6.8150451	5.7059434	3.02E-08	2.69E-06	8.5859155
BTN3A2 // BTN3A3	204820_PM_s_at	1.46061	0.546571	9.04E-06	206855_PM_s_at	HYAL2	0.50517292	8.02154384	5.7053514	3.03E-08	2.69E-06	8.5829753
HNRNP1	201031_PM_s_at	1.33971	0.4219207	9.09E-06	204158_PM_s_at	TCIRG1	0.95633608	7.04558054	5.7020443	3.09E-08	2.73E-06	8.5665573
STC2	203438_PM_at	-1.49248	0.5777116	9.11E-06	40837_PM_at	TLE2	0.588032	5.58752652	5.7012676	3.10E-08	2.74E-06	8.5627025
HAGH	205012_PM_s_at	-1.43159	0.5176184	9.19E-06	221286_PM_s_at	MGC29506	1.4500638	5.20743353	5.6979831	3.15E-08	2.78E-06	8.5464056
CTSL2	210074_PM_at	-2.2103	1.1442422	9.3E-06	211582_PM_x_at	LST1	1.24095862	6.86534919	5.6969556	3.17E-08	2.79E-06	8.5413086
MYO1D	212338_PM_at	1.44715	0.5332145	9.51E-06	235529_PM_x_at	SAMHD1	0.91379863	8.86563617	5.6965792	3.18E-08	2.79E-06	8.5394417
C12orf35	218614_PM_at	1.61211	0.6889502	9.53E-06	225695_PM_at	C2orf18	0.54327635	8.94575095	5.6938592	3.22E-08	2.82E-06	8.525954
NCF2	209949_PM_at	1.80042	0.8483335	9.54E-06	203039_PM_s_at	NDUFS1	-0.40765795	10.0515142	-5.692011	3.25E-08	2.84E-06	8.5167905
LOC145820	1558881_PM_at	1.84756	0.8856212	9.56E-06	213048_PM_s_at	---	0.46103613	8.66273661	5.6912547	3.27E-08	2.84E-06	8.5130437
SDHA	201093_PM_x_at	-1.24216	0.312851	9.78E-06	180000_PM_s_at	PHLDA1	-0.3542129	4.60826396	-5.690726	3.28E-08	2.84E-06	8.5104225
DEF6	221293_PM_s_at	1.32698	0.4081466	9.97E-06	1555852_PM_at		0.87019915	7.09699312	5.6906286	3.28E-08	2.84E-06	8.5099406
UGCG	204881_PM_s_at	1.79152	0.8411841	1.01E-05	230965_PM_at	USP2	-0.3827415	4.04579189	-5.689364	3.30E-08	2.85E-06	8.5036746
MRPL46	219244_PM_s_at	-1.23031	0.2990219	1.02E-05	215193_PM_x_at	HLA-DRB1 // HLA-DRB3 // HLA-DRB4 // HLA-DRB5 // LOC100628361	0.64840221	11.3736322	5.6874388	3.33E-08	2.87E-06	8.4941367
CRYBB3	207685_PM_at	-1.46865	0.5544906	1.02E-05	1563357_PM_at	---	0.7889182	4.86474416	5.6862788	3.35E-08	2.89E-06	8.4883908
TBXAS1	208130_PM_s_at	1.33609	0.4180172	1.02E-05	221840_PM_at	PTPRT	0.89681842	6.27971205	5.6856123	3.36E-08	2.89E-06	8.4850904
LY96	206584_PM_at	2.04597	1.032785	1.03E-05	202510_PM_s_at	TNFAIP2	0.87417769	7.7763309	5.6818722	3.43E-08	2.94E-06	8.4665732
FITM2	226805_PM_at	-1.37259	0.4569007	1.03E-05	242827_PM_x_at	---	1.07810905	5.2573908	5.680659	3.45E-08	2.95E-06	8.4605684
GATSL3 // TBC1D10A	226613_PM_at	-1.59015	0.6691629	1.03E-05	221333_PM_at	FOXP3	-0.47010163	4.45503882	-5.679381	3.48E-08	2.96E-06	8.4542428
RDH16	206753_PM_at	-1.23815	0.3081861	1.04E-05	204262_PM_s_at	PSEN2	-0.34894738	5.99907476	-5.67741	3.51E-08	2.98E-06	8.4444936
PTCRA	211252_PM_x_at	-1.28468	0.361409	1.04E-05	203332_PM_s_at	INPP5D	0.83981207	5.99778073	5.6769081	3.52E-08	2.98E-06	8.4420108
CBX6	202047_PM_s_at	1.35834	0.4418446	1.04E-05	226673_PM_at	SH2D3C	0.6626927	5.89782218	5.6766545	3.53E-08	2.98E-06	8.4407564
CCR5	206991_PM_s_at	1.61292	0.6896749	1.04E-05	221875_PM_x_at	HLA-F	0.60581886	10.6221272	5.6765848	3.53E-08	2.98E-06	8.4404115
RABGGTB	209180_PM_at	-1.49647	0.5815634	1.05E-05	205987_PM_at	CD1C	1.15591799	6.05095086	5.6750469	3.55E-08	2.99E-06	8.4328057
HNF4A	208429_PM_x_at	-1.30254	0.3813277	1.05E-05	206986_PM_at	FGF18	-0.42125806	4.22328908	-5.674588	3.56E-08	2.99E-06	8.4305385
ACOT12	238160_PM_at	-1.47852	0.5641538	1.06E-05	223322_PM_at	RASSF5	0.92719258	6.94514631	5.6745804	3.56E-08	2.99E-06	8.4304988
VSIG4	204787_PM_at	2.21311	1.1460752	1.07E-05	232433_PM_at	KIAA1683	-0.44971042	4.6036401	-5.673954	3.58E-08	2.99E-06	8.4274002
CLDN4	201428_PM_at	1.75475	0.8112655	1.07E-05	214459_PM_x_at	HLA-C	0.34819354	12.2217627	5.672854	3.60E-08	3.00E-06	8.4219636
AKAP12	210517_PM_s_at	1.77712	0.8295411	1.07E-05	235735_PM_at	---	1.00821906	4.65370543	5.6705661	3.64E-08	3.03E-06	8.4106549
CXCL2	209774_PM_x_at	2.13384	1.093452	1.07E-05	201428_PM_at	CLDN4	0.90652838	6.8183017	5.6664266	3.72E-08	3.09E-06	8.3902033
KCNE1	208514_PM_at	-1.42917	0.5151775	1.09E-05	39650_PM_s_at	PCNX2	0.44991265	4.85959818	5.663815	3.77E-08	3.13E-06	8.3773064
LOC91316	213502_PM_x_at	1.55332	0.6353551	1.1E-05	216560_PM_x_at	IGL@	2.10453486	5.51300998	5.6634142	3.78E-08	3.13E-06	8.3753274
LHFP	218656_PM_s_at	1.61605	0.6924718	1.11E-05	203221_PM_at	TOE1	0.57346403	7.56487393	5.6620309	3.80E-08	3.14E-06	8.3684987
RRAGD	221523_PM_s_at	-1.37192	0.4561964	1.13E-05	205267_PM_at	PLOU2AF1	1.57561038	5.14897904	5.660691	3.83E-08	3.15E-06	8.3618855
RELL1	226430_PM_at	1.44478	0.5308498	1.17E-05	207289_PM_at	MMP25	-0.29421551	4.11658652	-5.660336	3.84E-08	3.15E-06	8.3601351
HES7	224548_PM_at	-1.22155	0.2887129	1.17E-05	202307_PM_s_at	TAP1	0.8348668	8.82106991	5.6603356	3.84E-08	3.15E-06	8.3601311
EGR1	201693_PM_s_at	1.98767	0.9910783	1.17E-05	226518_PM_at	KCTD10	0.29980804	9.03751956	5.6597597	3.85E-08	3.15E-06	8.3572892

PRLR	206346_PM_at	-1.42011	0.5060027	1.19E-05	204891_PM_s_at	LCK	1.2223736	5.29247916	5.6594248	3.86E-08	3.15E-06	8.3556368
LOC100289208 /// PHLDA1	217998_PM_at	-1.32177	0.4024712	1.2E-05	216699_PM_s_at	KLK1	-1.481969	7.21163771	-5.658526	3.87E-08	3.16E-06	8.3512002
ITGAL	213475_PM_s_at	1.65885	0.7301834	1.22E-05	217875_PM_s_at	PMPEP1	0.75758539	6.17600132	5.6565928	3.91E-08	3.18E-06	8.3416652
SLC12A3	208354_PM_s_at	-2.04892	1.0348637	1.22E-05	206089_PM_at	NELL1	-1.01921369	6.95278427	-5.653535	3.98E-08	3.23E-06	8.3265877
HMHA1	212873_PM_at	1.71251	0.7761124	1.22E-05	38149_PM_at	ARHGAP25	0.83663605	6.08830447	5.6526627	4.00E-08	3.23E-06	8.3222855
PSEN2	204261_PM_s_at	-1.26248	0.3362605	1.23E-05	208318_PM_s_at	XYLB	-0.57934557	4.70042294	-5.65133	4.02E-08	3.25E-06	8.3157167
PLAUR	210845_PM_s_at	1.60949	0.6866036	1.23E-05	1552375_PM_at	ZNF333	0.27696987	3.76883488	5.6500425	4.05E-08	3.26E-06	8.3093708
PPAP2C	209529_PM_at	1.63507	0.7093524	1.23E-05	243934_PM_at	---	0.61490639	4.26536637	5.6499644	4.05E-08	3.26E-06	8.3089859
FLJ39739	239005_PM_at	1.39155	0.4766927	1.23E-05	236220_PM_at	---	-0.97498987	6.08306424	-5.649791	4.06E-08	3.26E-06	8.3081319
IER5	218611_PM_at	1.52273	0.6066602	1.24E-05	202357_PM_s_at	CFB	0.84687305	8.50779442	5.6481736	4.09E-08	3.27E-06	8.3001621
MKKS	218138_PM_at	-1.22636	0.2943825	1.24E-05	213746_PM_s_at	FLNA	0.68033546	5.81035119	5.6479291	4.09E-08	3.27E-06	8.2989574
GZMH	210321_PM_at	1.80897	0.8551685	1.25E-05	201934_PM_at	WDR82	0.28846757	10.0461826	5.6466789	4.12E-08	3.29E-06	8.2927987
CYP3A7	205939_PM_at	-2.0504	1.0359054	1.28E-05	208966_PM_x_at	IFI16	0.76126347	9.31181112	5.6451888	4.15E-08	3.31E-06	8.2854597
CYP1B1	202435_PM_s_at	1.67274	0.7422132	1.31E-05	203568_PM_s_at	TRIM38	0.46018328	8.84048919	5.6440259	4.18E-08	3.32E-06	8.2797336
GALK1	204374_PM_s_at	-1.23485	0.3043358	1.34E-05	244591_PM_x_at	RNF207	-0.4540465	4.49765468	-5.641252	4.24E-08	3.36E-06	8.2660786
SLC4A1	205592_PM_at	-1.81494	0.8599219	1.35E-05	217456_PM_x_at	HLA-E	0.51341101	11.3303342	5.6373749	4.33E-08	3.42E-06	8.2469997
COQ6	218760_PM_at	-1.21819	0.2847392	1.35E-05	203234_PM_at	UPP1	0.62567989	7.56761753	5.6363057	4.35E-08	3.43E-06	8.2417406
MNDA	204959_PM_at	2.05859	1.0416565	1.36E-05	221731_PM_x_at	VCAN	1.59667013	8.23907264	5.6350502	4.38E-08	3.45E-06	8.2355656
CCDC37	242615_PM_at	-1.25461	0.327239	1.36E-05	1561537_PM_at	LOC388906	-0.26628442	4.05803075	-5.630906	4.47E-08	3.51E-06	8.2151906
GNG2	224964_PM_s_at	1.27323	0.3484931	1.36E-05	215049_PM_x_at	CD163	1.18423498	8.74803272	5.6293712	4.51E-08	3.54E-06	8.2076488
OR2H1	1556986_PM_at	-1.25787	0.3309828	1.36E-05	217389_PM_s_at	ATF5	-0.58169137	4.99552181	-5.626225	4.58E-08	3.59E-06	8.1921907
EBF1	227646_PM_at	1.52946	0.6130224	1.36E-05	243766_PM_s_at	TEAD2	-0.5609799	5.43974196	-5.62436	4.63E-08	3.61E-06	8.1830317
RCAN3	226272_PM_at	1.449	0.5350576	1.36E-05	212998_PM_x_at	HLA-DQB1 /// LOC100294318	1.14991742	8.91164675	5.6240851	4.63E-08	3.61E-06	8.1816832
AIM2	206513_PM_at	1.73951	0.798681	1.36E-05	201693_PM_s_at	EGR1	0.81675298	4.69796826	5.6237784	4.64E-08	3.61E-06	8.1801774
UCP2	208997_PM_s_at	1.78801	0.8383548	1.37E-05	207375_PM_s_at	IL15RA	0.82180252	5.90427901	5.6207283	4.72E-08	3.66E-06	8.1652042
C19orf6	212574_PM_x_at	-1.2452	0.3163775	1.38E-05	231077_PM_at	C1orf192	0.6945443	4.5633428	5.6196545	4.74E-08	3.67E-06	8.1599349
MUTED /// TXNDC5	221253_PM_s_at	1.28296	0.3594762	1.38E-05	203561_PM_at	FCGR2A	1.04436127	6.82646306	5.6170701	4.81E-08	3.71E-06	8.1472549
LCP1	208885_PM_at	1.91414	0.9366964	1.39E-05	208753_PM_s_at	NAP1L1	0.28242309	9.46493554	5.614493	4.87E-08	3.76E-06	8.1346156
FGR	208438_PM_s_at	1.74578	0.8038718	1.4E-05	203193_PM_at	ESRRR	-0.51224455	6.29759199	-5.613782	4.89E-08	3.76E-06	8.1311283
SLC25A33	223296_PM_at	-1.38639	0.4713332	1.41E-05	204306_PM_s_at	CD151	0.5871466	8.41564192	5.6129601	4.91E-08	3.77E-06	8.1270995
WDR86	243526_PM_at	1.42529	0.5112555	1.44E-05	234607_PM_at	ARRDC1	-0.29883917	4.00911461	-5.612171	4.93E-08	3.78E-06	8.1232229
VAV1	206219_PM_s_at	1.37537	0.4598198	1.45E-05	216940_PM_x_at	YBX1 /// YBX1P2	-0.32726349	4.27098549	-5.61145	4.95E-08	3.78E-06	8.1196976
P4HA2	202733_PM_at	-1.40039	0.4858287	1.46E-05	223562_PM_at	PARVG	0.96658853	5.01026147	5.611247	4.95E-08	3.78E-06	8.1187019
CXCL6	206336_PM_at	3.47478	1.7969216	1.47E-05	1557895_PM_at	FLJ35934	0.49150393	3.98440363	5.6086631	5.02E-08	3.82E-06	8.106039
CCL2	216598_PM_s_at	1.80244	0.8499512	1.48E-05	227697_PM_at	SOCS3	1.21666274	5.69360792	5.6076892	5.05E-08	3.83E-06	8.1012677
KREMEN1	224534_PM_at	-1.21783	0.2843128	1.49E-05	243366_PM_s_at	---	1.1086625	5.28942401	5.6069074	5.07E-08	3.83E-06	8.0974377
IL16	209827_PM_s_at	1.51006	0.5946059	1.5E-05	205324_PM_s_at	FTSJ1	0.27790443	7.86531999	5.6068088	5.07E-08	3.83E-06	8.0969549
HRG	206226_PM_at	-1.90476	0.9296092	1.52E-05	214842_PM_s_at	---	-0.62984919	3.85709875	-5.60652	5.08E-08	3.83E-06	8.0955412
C6	210168_PM_at	1.69822	0.7640234	1.53E-05	211868_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG2 /// IGHG3	1.57784925	6.31448798	5.6050334	5.12E-08	3.86E-06	8.0882593
COQ10A	225747_PM_at	-1.31592	0.3960718	1.53E-05	239671_PM_at	---	0.38125636	3.71859311	5.6031411	5.17E-08	3.88E-06	8.0789939
PTPN6	206687_PM_s_at	1.44119	0.5272605	1.53E-05	219440_PM_at	RAI2	0.50369108	7.78191899	5.6028783	5.17E-08	3.88E-06	8.0777074
AHR	202820_PM_at	1.41235	0.4980977	1.55E-05	224733_PM_at	CM2TM3	0.75327804	8.04163632	5.5997307	5.26E-08	3.94E-06	8.0623011
KLK1	205821_PM_at	2.13732	1.0958029	1.56E-05	213932_PM_x_at	HLA-A	0.34010848	12.1949842	5.5951768	5.38E-08	4.02E-06	8.0400237
PRKCB	207957_PM_s_at	1.59664	0.6750391	1.57E-05	212558_PM_at	SPRY1	0.46635221	7.78669542	5.5923092	5.46E-08	4.08E-06	8.0260028
NDUFC1	203478_PM_at	-1.37556	0.4600191	1.57E-05	34210_PM_at	CD52	1.59932033	7.74326621	5.5907849	5.51E-08	4.08E-06	8.0185524
SYCE1L	1559960_PM_x_at	1.61979	0.6958068	1.59E-05	229723_PM_at	TAGAP	1.08044216	5.32453304	5.590738	5.51E-08	4.08E-06	8.0183229
MCAT	213132_PM_s_at	-1.3268	0.4079509	1.59E-05	203320_PM_at	SH2B3	0.59196827	7.52003685	5.5907312	5.51E-08	4.08E-06	8.0182899
DERA	218102_PM_at	-1.259	0.3322783	1.59E-05	235964_PM_x_at	SAMHD1	1.0217345	8.52384552	5.5906204	5.51E-08	4.08E-06	8.017748
PARP8	219033_PM_at	1.63188	0.706535	1.6E-05	219574_PM_at	---	1.03259589	5.96142062	5.5882776	5.58E-08	4.12E-06	8.0063001
NCRNA00081	213224_PM_s_at	1.24556	0.3167945	1.6E-05	211448_PM_s_at	RGS6	-0.64473403	4.54325958	-5.586816	5.62E-08	4.14E-06	7.9991599
FREM1	228233_PM_at	-1.43606	0.522116	1.6E-05	216813_PM_at	---	0.43894938	3.79289474	5.5845763	5.69E-08	4.18E-06	7.988222
RNASE2	206111_PM_at	1.29115	0.3686566	1.6E-05	229622_PM_at	FAM132B	0.97919231	4.63849961	5.5823064	5.75E-08	4.22E-06	7.9771394
CYR61	201289_PM_at	2.04575	1.0326299	1.64E-05	1564679_PM_at	ASB15	-0.55278531	4.36360704	-5.580886	5.79E-08	4.25E-06	7.9702043
TMEM204	219315_PM_s_at	-1.20481	0.2688056	1.67E-05	203414_PM_at	MMD	0.60298828	7.81988261	5.5775918	5.89E-08	4.31E-06	7.9541328
TRIM22	213293_PM_s_at	1.69741	0.7633351	1.69E-05	207673_PM_at	NPHS1	-0.85675427	6.33148844	-5.577044	5.91E-08	4.31E-06	7.9514623
FAM65B	206707_PM_x_at	1.56435	0.6455633	1.7E-05	204150_PM_at	STAB1	0.81350656	6.59026261	5.5755632	5.96E-08	4.34E-06	7.9442382
CRHR1	214619_PM_at	-1.28541	0.3622286	1.7E-05	203281_PM_s_at	UBA7	0.60964032	6.99860329	5.5735116	6.02E-08	4.37E-06	7.9342344
PTGER3	208169_PM_s_at	-1.89681	0.9235752	1.71E-05	204390_PM_at	---	-0.28228665	3.74330143	-5.573452	6.02E-08	4.37E-06	7.9339446
TCIRG1	204158_PM_s_at	1.69628	0.7623743	1.71E-05	229120_PM_s_at	CDC425E1	0.55115074	8.60603955	5.5712722	6.09E-08	4.40E-06	7.9233176
KCNT2	234103_PM_at	1.75374	0.8104349	1.71E-05	213668_PM_s_at	SOX4	0.80572883	6.44279092	5.5705221	6.11E-08	4.40E-06	7.9196619
C10orf26	202808_PM_at	1.21579	0.2818941	1.74E-05	203646_PM_at	FDX1	-0.50638364	9.16962863	-5.570292	6.12E-08	4.40E-06	7.9185393
FIBIN	226769_PM_at	1.62824	0.7033134	1.74E-05	214574_PM_x_at	LST1	1.18075337	6.93135149	5.5702779	6.12E-08	4.40E-06	7.9184721
CX3CR1	205898_PM_at	1.49947	0.5844527	1.75E-05	219332_PM_at	MICALL2	0.55864846	5.50765071	5.5702215	6.12E-08	4.40E-06	7.9181972
IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG2 /// IGHG3 /// IGHG4	217281_PM_x_at	3.49414	1.8049374	1.79E-05	206746_PM_at	BFP1	0.24816944	3.59533141	5.5637466	6.33E-08	4.54E-06	7.8866583
SH3RF3	228461_PM_at	1.3759	0.4603756	1.8E-05	203476_PM_at	TPBG	0.74903447	8.08009669	5.563329	6.34E-08	4.54E-06	7.8846253

FBXO44	222861_PM_x_at	-1.26213	0.3358605	1.81E-05	218394_PM_at	ROGDI	-0.457157	7.87211801	-5.560025	6.45E-08	4.61E-06	7.8685419
MS4A6A	219666_PM_at	2.01625	1.0116745	1.82E-05	222939_PM_s_at	SLC16A10	-0.86846022	7.09203364	-5.556172	6.58E-08	4.69E-06	7.8497992
RNF182	230720_PM_at	1.50841	0.5930286	1.82E-05	AFFX-NonspecificG	---	-0.46945941	6.45532669	-5.554922	6.62E-08	4.71E-06	7.8437212
ANGPTL3	219803_PM_at	-2.04101	1.0292833	1.83E-05	217478_PM_s_at	HLA-DMA	0.78078646	9.51499568	5.552248	6.72E-08	4.76E-06	7.8307204
HLA-A /// HLA-F /// HLA-J	217436_PM_x_at	1.44064	0.5267099	1.83E-05	227383_PM_at	LOC727820	0.8686944	7.88619229	5.5522164	6.72E-08	4.76E-06	7.830567
C1QTNF7	223877_PM_at	-1.4825	0.5680321	1.83E-05	210321_PM_at	GZMH	0.91101837	4.90184095	5.5508585	6.76E-08	4.79E-06	7.8239672
FGGY	219718_PM_at	-1.2534	0.3258469	1.84E-05	204198_PM_s_at	RUNX3	0.92635139	4.71070069	5.5501749	6.79E-08	4.79E-06	7.8206453
LOC100289042	217341_PM_at	-1.23317	0.3023717	1.84E-05	202436_PM_s_at	CYP1B1	0.70501152	9.72075916	5.5494833	6.81E-08	4.80E-06	7.8172845
PHACTR3	227949_PM_at	1.51835	0.6025044	1.84E-05	202075_PM_s_at	PLTP	0.95707823	6.89526971	5.5488549	6.83E-08	4.81E-06	7.8142315
GPD1L	212510_PM_at	-1.2965	0.3746222	1.85E-05	227998_PM_at	S100A16	0.36618456	9.82111037	5.5465436	6.91E-08	4.85E-06	7.8030044
FKBP11	219117_PM_s_at	1.64574	0.7187364	1.85E-05	219033_PM_at	PARP8	0.69899967	5.98455349	5.5465299	6.92E-08	4.85E-06	7.8029376
NAPSB	228055_PM_at	1.78141	0.8330196	1.85E-05	204846_PM_at	CP	0.87842909	4.71772806	5.545471	6.95E-08	4.86E-06	7.7977952
CCDC109B	218802_PM_at	1.83455	0.8754262	1.85E-05	219620_PM_x_at	C9orf167	0.52585226	5.75232443	5.5430038	7.04E-08	4.92E-06	7.7858162
CARD6	224414_PM_s_at	1.50388	0.5886895	1.85E-05	201045_PM_s_at	RAB6A	-0.3337169	4.13936994	-5.542237	7.07E-08	4.92E-06	7.7820934
CD1D	205789_PM_at	1.59602	0.6744787	1.85E-05	219684_PM_at	RTP4	0.86218608	6.4399937	5.5419475	7.08E-08	4.92E-06	7.7806892
GMFG	204220_PM_at	1.64971	0.7222124	1.85E-05	1556662_PM_at	---	-0.46943588	4.50241009	-5.537129	7.26E-08	5.03E-06	7.7573108
PPM1L	228108_PM_at	-1.49544	0.58057	1.86E-05	204774_PM_at	EV12A	1.15889043	7.23235169	5.5369176	7.26E-08	5.03E-06	7.7562844
ATP5L	208745_PM_at	-1.2156	0.2816686	1.87E-05	239334_PM_at	ESYT2	-0.32059897	4.46686229	-5.53546	7.32E-08	5.06E-06	7.7492147
TARS2	221189_PM_s_at	-1.331	0.4125106	1.88E-05	204661_PM_at	CD52	1.51176747	8.32513062	5.5328376	7.42E-08	5.12E-06	7.7365018
C1orf170	224501_PM_at	-1.30521	0.3842819	1.88E-05	210517_PM_s_at	AKAP12	0.66469631	9.53988311	5.5287008	7.58E-08	5.22E-06	7.7164553
ELMO1	204513_PM_s_at	1.46724	0.5531049	1.88E-05	221355_PM_at	CHRG	-0.26733105	3.8692998	-5.528455	7.59E-08	5.22E-06	7.7152635
OXER1	1553222_PM_at	-1.35124	0.4342839	1.88E-05	1553688_PM_at	METTL6	-0.28121072	4.27393699	-5.523096	7.80E-08	5.34E-06	7.6893149
OGFR1	219582_PM_at	1.47909	0.5647098	1.88E-05	1552316_PM_a_at	GIMAP1	0.70708406	7.7526596	5.5230523	7.80E-08	5.34E-06	7.6891022
LOC100131096	230526_PM_at	1.31401	0.3939763	1.89E-05	205582_PM_s_at	GT5	0.68326499	5.87988172	5.5226157	7.82E-08	5.35E-06	7.6869892
S1PR1	204642_PM_at	1.41361	0.4993842	1.9E-05	200905_PM_x_at	HLA-E	0.47137691	11.2758157	5.5193033	7.95E-08	5.43E-06	7.67096
AFM	206840_PM_at	-3.09543	1.6301398	1.9E-05	202637_PM_s_at	ICAM1	0.8012091	6.6485428	5.5173949	8.03E-08	5.45E-06	7.6617287
CPNE7	219707_PM_at	-1.34316	0.4256312	1.9E-05	200715_PM_x_at	RPL13A	0.21138389	11.7092022	5.517384	8.03E-08	5.45E-06	7.661676
FAM167B	223657_PM_at	1.46274	0.5486734	1.9E-05	229530_PM_at	GUCY1A3	0.64105571	8.19188605	5.5172941	8.03E-08	5.45E-06	7.6612414
L2HGDH	220089_PM_at	-1.4953	0.580435	1.9E-05	236702_PM_at	C20orf43	-0.40056744	4.2115995	-5.514008	8.17E-08	5.54E-06	7.6453505
LAYN	228080_PM_at	1.50713	0.5918039	1.92E-05	203637_PM_s_at	MID1	0.52601051	8.16166699	5.5132395	8.20E-08	5.55E-06	7.6416366
SLC39A8	209266_PM_s_at	-1.34099	0.4232985	1.93E-05	202643_PM_s_at	TNFAIP3	0.93102525	5.93498921	5.5112706	8.28E-08	5.59E-06	7.6321209
OAS2	204972_PM_at	1.43924	0.5253072	1.94E-05	236783_PM_at	KCNIP4	0.97581872	7.17041337	5.5100974	8.33E-08	5.62E-06	7.6264523
MIR21	224917_PM_at	1.91365	0.936327	1.94E-05	202626_PM_s_at	LYN	0.74752273	7.69532959	5.5089619	8.38E-08	5.64E-06	7.6209665
ARPC2	207988_PM_s_at	1.22615	0.2941355	1.94E-05	211962_PM_s_at	ZFP36L1	0.38609363	10.4803447	5.5082639	8.41E-08	5.65E-06	7.6175945
RAP2A /// RAP2B	214487_PM_s_at	-1.28297	0.3594874	1.95E-05	233504_PM_at	C9orf84	-0.65436785	4.18164119	-5.506373	8.49E-08	5.69E-06	7.6084607
BIN2	219191_PM_s_at	1.5738	0.6542522	2E-05	213539_PM_at	CD3D	1.39056343	7.07014542	5.5034384	8.62E-08	5.77E-06	7.5942944
CRELD2	218358_PM_at	1.22196	0.2891971	2.01E-05	209140_PM_x_at	HLA-B	0.395319	12.3794722	5.5021798	8.68E-08	5.80E-06	7.5882197
HADH	201035_PM_s_at	-1.53494	0.6181823	2.01E-05	215695_PM_s_at	GYG2	-0.50226764	4.99980171	-5.499993	8.77E-08	5.85E-06	7.5776677
CLDN3	203953_PM_s_at	1.58139	0.6611932	2.02E-05	207677_PM_s_at	NCF4	0.898949	4.97322066	5.4987749	8.83E-08	5.88E-06	7.5717919
SUCLG1	217874_PM_at	-1.31615	0.3963239	2.02E-05	228461_PM_at	SH3RF3	0.47944334	6.43743541	5.4954212	8.98E-08	5.97E-06	7.5556187
C15orf61	229742_PM_at	-1.26781	0.3423386	2.03E-05	209827_PM_s_at	IL16	0.96050306	5.53372584	5.4941308	9.04E-08	6.00E-06	7.5493979
HDAC6	206846_PM_s_at	-1.33663	0.4186002	2.06E-05	229727_PM_x_at	C2CD4B	-0.49923735	4.14396304	-5.4934	9.07E-08	6.01E-06	7.5458739
TNNT2	215389_PM_s_at	-1.30651	0.3857182	2.06E-05	216438_PM_s_at	TMSB4X /// TMSL3	0.21799158	12.9795959	5.4925688	9.11E-08	6.02E-06	7.5418692
IL8	202859_PM_x_at	1.6304	0.705226	2.06E-05	228438_PM_at	LOC100132891	0.71641667	4.75768379	5.4910971	9.18E-08	6.06E-06	7.5347772
PXDN	212012_PM_at	1.80888	0.8550967	2.06E-05	234260_PM_at	---	0.61551435	4.24464129	5.4904446	9.21E-08	6.07E-06	7.5316335
CHST15	203066_PM_at	1.57068	0.6513893	2.08E-05	202953_PM_at	C1QB	1.21423676	8.67203105	5.4891729	9.27E-08	6.08E-06	7.5255072
HLA-DOB	205671_PM_s_at	1.57448	0.6548754	2.08E-05	219014_PM_at	PLAC8	1.46316002	6.2300937	5.4891719	9.27E-08	6.08E-06	7.5255022
WASF2	221725_PM_at	1.34274	0.42518	2.09E-05	202370_PM_s_at	CBFB	0.40093246	8.83358552	5.487938	9.33E-08	6.11E-06	7.5195591
SASH1	213236_PM_at	1.37118	0.455418	2.09E-05	205269_PM_at	LCP2	1.17742882	6.14853236	5.4876474	9.34E-08	6.11E-06	7.5181599
NLR3	236295_PM_s_at	1.74914	0.8066458	2.11E-05	230669_PM_at	RASA2	0.78225653	6.95032322	5.4868411	9.38E-08	6.12E-06	7.5142769
SP110	208012_PM_x_at	1.42241	0.5083374	2.11E-05	205102_PM_at	TMPRSS2	-0.59495204	5.86138272	-5.485642	9.44E-08	6.15E-06	7.5085018
SRCRB4D	236529_PM_at	-1.44746	0.5335235	2.11E-05	202437_PM_s_at	CYP1B1	0.72922043	8.98589241	5.4832862	9.55E-08	6.21E-06	7.497163
ATG16L2	225883_PM_at	1.3755	0.4599561	2.11E-05	242956_PM_at	IDH1	-0.59716621	4.8668926	-5.481234	9.65E-08	6.27E-06	7.4872886
GRPEL1	212432_PM_at	-1.3355	0.41738	2.14E-05	212314_PM_at	SELL13	0.67397996	8.65734294	5.4800777	9.71E-08	6.29E-06	7.4817246
FBN3	240117_PM_at	-1.23555	0.3051534	2.17E-05	203222_PM_s_at	TLE1	0.70688196	4.93406493	5.4788016	9.78E-08	6.32E-06	7.4755865
APBB1P	219994_PM_at	1.34111	0.4234276	2.17E-05	220116_PM_at	KCNN2	-0.95955976	4.94807929	-5.477333	9.85E-08	6.36E-06	7.4685222
TMEM71	238429_PM_at	1.35937	0.4429382	2.17E-05	227318_PM_at	---	0.75425525	5.27339257	5.4770228	9.86E-08	6.36E-06	7.4670319
RCN1	201063_PM_at	1.40339	0.488916	2.18E-05	235047_PM_x_at	NACC1	-0.63337005	5.68279275	-5.47673	9.88E-08	6.36E-06	7.4656252
FLJ38576	229959_PM_at	-1.24197	0.3126303	2.19E-05	215741_PM_x_at	AKAP8L	-0.48600656	5.16100569	-5.475954	9.92E-08	6.37E-06	7.4618912
ZNF696	220967_PM_s_at	-1.27401	0.3493766	2.21E-05	216889_PM_s_at	HNF4A	-0.36927384	4.22262873	-5.475785	9.93E-08	6.37E-06	7.4610808
TATDN3	228867_PM_at	-1.26618	0.3404825	2.22E-05	201531_PM_at	ZFP36	0.49083453	8.86892456	5.4754482	9.94E-08	6.37E-06	7.4594616
BNIP3	201848_PM_s_at	-1.28431	0.3609935	2.23E-05	239446_PM_x_at	DCBLD2	-0.61003306	4.97202622	-5.473135	1.01E-07	6.43E-06	7.4483413
ALDH3A2	202053_PM_s_at	-1.51338	0.5977743	2.24E-05	40420_PM_at	STK10	0.6914691	5.07855203	5.4724198	1.01E-07	6.44E-06	7.444906
QPCT	205174_PM_s_at	1.88051	0.911124	2.25E-05	224571_PM_at	IRF2BP2	0.26474881	9.16739139	5.470022	1.02E-07	6.51E-06	7.4333857
RBMS1	203748_PM_x_at	1.23052	0.2992681	2.27E-05	1558053_PM_s_at	TMED4	-0.71315982	5.82534862	-5.469073	1.03E-07	6.53E-06	7.4288267

KLHL3	221221_PM_s_at	-1.49866	0.5836731	2.28E-05	203021_PM_at	SLPI	1.60768416	8.51623814	5.4685184	1.03E-07	6.54E-06	7.4261641
MRPL34	221692_PM_s_at	-1.26897	0.343658	2.31E-05	223877_PM_at	C1QTNF7	-0.57906588	4.3573633	-5.466604	1.04E-07	6.59E-06	7.4169727
G6PC	206952_PM_at	-2.06203	1.0440653	2.32E-05	31845_PM_at	ELF4	0.75068613	5.84173713	5.4652189	1.05E-07	6.63E-06	7.4103219
SETD3	212465_PM_at	-1.24562	0.316864	2.32E-05	238429_PM_at	TMEM71	0.51717387	4.33197294	5.4633818	1.06E-07	6.68E-06	7.4015046
TMEM86A	227570_PM_at	-1.4824	0.5679348	2.35E-05	239627_PM_at	TMED9	-0.49067497	4.8507146	-5.462028	1.06E-07	6.71E-06	7.3950105
ABCC1	202804_PM_at	1.22524	0.2930644	2.35E-05	224789_PM_at	DCAF12	0.24224102	8.49713399	5.4597596	1.08E-07	6.78E-06	7.3841265
LOC153684	232645_PM_at	1.51481	0.5991369	2.36E-05	207643_PM_s_at	TNFRSF1A	0.43485777	8.67876303	5.4572502	1.09E-07	6.85E-06	7.3721018
BTN3A3	204821_PM_at	1.58385	0.6634357	2.36E-05	222861_PM_x_at	FBXO44	-0.39675722	4.31791979	-5.451136	1.12E-07	7.06E-06	7.3427879
PHB	200658_PM_s_at	-1.34361	0.4261144	2.36E-05	209040_PM_s_at	PSMB8	0.65959539	8.77161493	5.4507415	1.13E-07	7.06E-06	7.3409001
RTCD1	203594_PM_at	-1.27011	0.3449534	2.37E-05	204528_PM_s_at	NAP1L1	0.39699979	10.2809354	5.4482857	1.14E-07	7.13E-06	7.3291386
LOC96610	224342_PM_x_at	1.54288	0.6256259	2.38E-05	239666_PM_at	PYGO2	-0.3366315	4.13504332	-5.447708	1.14E-07	7.14E-06	7.3263703
PRSS2 /// PRSS3	207463_PM_x_at	-1.55684	0.6386207	2.39E-05	226858_PM_at	CSNK1E	0.49825187	5.10096129	5.4470547	1.15E-07	7.15E-06	7.3232445
FMN2	230946_PM_at	-1.21764	0.2840877	2.4E-05	203233_PM_at	IL4R	0.66150973	7.23270312	5.4456547	1.16E-07	7.18E-06	7.3165426
AADAT	223593_PM_at	-1.50725	0.5919187	2.45E-05	205821_PM_at	KLK1	1.14350894	5.99911957	5.4455828	1.16E-07	7.18E-06	7.3161988
LMAN1	203293_PM_s_at	-1.31266	0.3924933	2.45E-05	204122_PM_at	TYROBP	0.96988888	9.26590237	5.4445019	1.16E-07	7.21E-06	7.3110256
S100A16	227998_PM_at	1.29854	0.3768905	2.45E-05	229295_PM_at	LOC150166	0.80146992	6.1231016	5.441148	1.18E-07	7.31E-06	7.2949784
ISOC2	218893_PM_at	-1.45196	0.5380017	2.45E-05	231124_PM_x_at	LY9	0.93703069	4.49415909	5.4410248	1.18E-07	7.31E-06	7.2943891
BRP44	202427_PM_s_at	-1.24205	0.3127233	2.46E-05	224709_PM_s_at	CDC425E2	0.33965344	10.2961446	5.4387281	1.20E-07	7.37E-06	7.2834052
TAX1BP3	209154_PM_at	1.35217	0.4352765	2.49E-05	201649_PM_at	UBE2L6	0.6293573	9.06961598	5.4386585	1.20E-07	7.37E-06	7.2830726
ATP6V1C2	1553989_PM_a_at	-1.87663	0.9081442	2.52E-05	218392_PM_x_at	SFXN1	-0.50951195	8.49961731	-5.438622	1.20E-07	7.37E-06	7.2828991
RHOU	223168_PM_at	1.28047	0.3566735	2.52E-05	205047_PM_s_at	ASNS	0.67586737	6.52885011	5.4372507	1.21E-07	7.38E-06	7.2763416
DLEU1	205677_PM_s_at	-1.33904	0.4211991	2.61E-05	206493_PM_at	ITGA2B	-0.46187902	4.86275084	-5.437245	1.21E-07	7.38E-06	7.2763124
CD3G	206804_PM_at	1.8653	0.8994077	2.69E-05	238563_PM_at	---	0.47928573	3.66416197	5.4370434	1.21E-07	7.38E-06	7.2753503
FAM84A	225667_PM_s_at	1.63054	0.7053498	2.72E-05	208730_PM_x_at	RAB2A	-0.5333266	6.28460915	-5.4366	1.21E-07	7.38E-06	7.2732327
SLC27A5	219733_PM_s_at	-1.23664	0.3064256	2.72E-05	234103_PM_at	KCNT2	0.69094858	4.02773287	5.4365675	1.21E-07	7.38E-06	7.2730756
CRH	205629_PM_s_at	-1.21413	0.2799229	2.72E-05	210031_PM_at	CD247	0.87482194	4.78210316	5.4341644	1.23E-07	7.46E-06	7.2615901
MYADM	224920_PM_x_at	1.57406	0.6544905	2.73E-05	206978_PM_at	CCR2	1.18742343	5.51276793	5.433627	1.23E-07	7.46E-06	7.2590224
C10orf140	1559265_PM_at	-1.21125	0.2764967	2.73E-05	214837_PM_at	---	-0.35399655	3.46474731	-5.433447	1.23E-07	7.46E-06	7.25816
HKDC1	220585_PM_at	-1.39801	0.4833747	2.73E-05	240039_PM_at	---	-0.37182758	4.38822261	-5.432005	1.24E-07	7.51E-06	7.2512738
NKX2-5	206578_PM_at	-1.29725	0.3754565	2.73E-05	204097_PM_s_at	RBMX2	0.31318347	8.32906878	5.4313762	1.24E-07	7.52E-06	7.2482698
CMTM7	226017_PM_at	1.28378	0.360398	2.73E-05	206332_PM_s_at	IFI16	0.76939618	8.98637807	5.4300175	1.25E-07	7.56E-06	7.2417804
LOC727944	231256_PM_at	-2.1898	1.1307991	2.75E-05	223371_PM_s_at	DNAUC4	-0.39573398	4.25972229	-5.428151	1.26E-07	7.61E-06	7.232866
GPR183	205419_PM_at	2.17607	1.121725	2.79E-05	1555165_PM_a_at	PGPEP1	-0.52836865	5.25100902	-5.428073	1.26E-07	7.61E-06	7.2324946
FAM57A	218898_PM_at	1.4134	0.4991698	2.81E-05	226771_PM_at	ATP8B2	0.75723076	7.01427928	5.4276584	1.27E-07	7.61E-06	7.2305164
CLDN1	218182_PM_s_at	1.49403	0.5792091	2.83E-05	1565228_PM_s_at	ALB	-2.17897219	5.86029337	-5.426912	1.27E-07	7.62E-06	7.2269518
IL27RA	205926_PM_at	1.49414	0.5793153	2.85E-05	215689_PM_s_at	SHBG	-0.49191175	4.18896653	-5.426853	1.27E-07	7.62E-06	7.2266725
CD247	210031_PM_at	1.88617	0.9154597	2.86E-05	210889_PM_s_at	FCGR2B	1.1850198	6.12088467	5.4252396	1.28E-07	7.67E-06	7.218971
ABHD10	218633_PM_x_at	-1.41836	0.5042238	2.87E-05	202985_PM_s_at	BAG5	0.25732842	8.87408046	5.4209788	1.31E-07	7.82E-06	7.1986439
PLEK	203470_PM_s_at	1.7401	0.7991702	2.88E-05	201063_PM_at	RCN1	0.55593823	9.10469415	5.4205271	1.31E-07	7.83E-06	7.19649
SAMD9	219691_PM_at	1.36547	0.4493976	2.91E-05	201465_PM_s_at	UNC1	0.72817579	6.34338363	5.4129867	1.36E-07	8.11E-06	7.1605502
XCL1	206366_PM_x_at	2.05007	1.0356732	2.95E-05	211581_PM_x_at	LST1	1.0915153	6.4537004	5.4127255	1.37E-07	8.11E-06	7.1593062
PDK2	202590_PM_s_at	-1.40467	0.4902312	2.95E-05	228410_PM_at	GAB3	0.59257657	5.06117372	5.4125825	1.37E-07	8.11E-06	7.1586225
MOSC2	219527_PM_at	-1.62916	0.7041283	2.95E-05	211654_PM_x_at	HLA-DQB1	1.03092007	9.088684	5.4117527	1.37E-07	8.12E-06	7.1546728
ESRRA	1487_PM_at	-1.33209	0.4136916	2.95E-05	222294_PM_s_at	---	0.64582092	7.68196265	5.4116858	1.37E-07	8.12E-06	7.1543539
EYA2	209692_PM_at	-1.35327	0.4364497	2.95E-05	244617_PM_at	GPR26	-0.50059532	4.92704068	-5.41127	1.38E-07	8.12E-06	7.1523761
FAM132B	229622_PM_at	1.90052	0.9263942	2.96E-05	212873_PM_at	HMHA1	0.82975197	6.26815618	5.4104513	1.38E-07	8.13E-06	7.1484752
TRPM6	221102_PM_s_at	-1.20642	0.2707323	2.96E-05	222743_PM_s_at	C11orf71	-0.49423297	7.72845238	-5.410253	1.38E-07	8.13E-06	7.1475306
SLCO3A1	210542_PM_s_at	1.55284	0.6349092	2.96E-05	231981_PM_at	PRLR	-0.51920713	4.35226984	-5.41015	1.38E-07	8.13E-06	7.1470397
QSER1	226265_PM_at	1.32685	0.4080053	2.96E-05	202971_PM_s_at	DYRK2	0.69528312	6.71943253	5.4095374	1.39E-07	8.14E-06	7.1441237
KLHL13	227875_PM_at	1.4312	0.5172253	2.96E-05	202859_PM_x_at	IL8	1.11769032	4.82646498	5.4089812	1.39E-07	8.15E-06	7.1414755
SP100	202863_PM_at	1.37437	0.4587705	2.96E-05	205537_PM_s_at	VAV2	-0.26571235	3.87996445	-5.408164	1.40E-07	8.17E-06	7.1375834
SLC25A5	200657_PM_at	-1.22068	0.287685	2.97E-05	1552510_PM_at	SLC34A3	-0.76823462	7.61434337	-5.40796	1.40E-07	8.17E-06	7.136615
GIMAP2	232024_PM_at	1.73748	0.7969964	2.97E-05	217986_PM_s_at	BAZ1A	0.73307473	6.66524157	5.4052175	1.42E-07	8.26E-06	7.1235623
RSPH1	230093_PM_at	1.64647	0.7193762	2.97E-05	203508_PM_at	TNFRSF1B	0.91106807	6.66022241	5.4051806	1.42E-07	8.26E-06	7.1233869
B3GNT4	221240_PM_s_at	-1.37053	0.4547339	2.98E-05	226618_PM_at	UBE2QL1	-0.78170905	5.03734989	-5.40304	1.43E-07	8.33E-06	7.1132016
RAB13	202252_PM_at	1.23429	0.3036814	2.98E-05	242478_PM_at	---	-0.7888456	4.51633542	-5.40169	1.44E-07	8.38E-06	7.1067815
C1orf192	231077_PM_at	1.60412	0.6817821	3E-05	229391_PM_s_at	FAM26F	1.3749307	7.32291501	5.401178	1.45E-07	8.38E-06	7.1043477
POLD3	212836_PM_at	-1.35325	0.4364284	3.01E-05	233267_PM_at	SELENBP1	-0.30726057	3.96186066	-5.399645	1.46E-07	8.44E-06	7.0970572
BATF3	220358_PM_at	1.31309	0.3929658	3.02E-05	209769_PM_s_at	GP1BB	-0.58116991	5.05772536	-5.397689	1.47E-07	8.51E-06	7.0877595
TMEM143	222905_PM_s_at	-1.29465	0.3725621	3.04E-05	219243_PM_at	GIMAP4	0.59801582	8.78435221	5.396894	1.48E-07	8.53E-06	7.0839821
RNASE1	201785_PM_at	1.34373	0.4262433	3.04E-05	205859_PM_at	LY86	1.04750616	6.30217632	5.3961446	1.48E-07	8.55E-06	7.0804212
MAP7D3	219576_PM_at	1.36612	0.4500842	3.04E-05	209906_PM_at	C3AR1	1.04117588	7.17764064	5.3908251	1.53E-07	8.75E-06	7.0551545
LOC729177	241670_PM_x_at	-1.38437	0.4692296	3.04E-05	205758_PM_at	CD8A	1.31318129	5.67328661	5.3907574	1.53E-07	8.75E-06	7.0548328
PAPPA	201981_PM_at	1.79417	0.8433166	3.07E-05	1559400_PM_s_at	PAPPA	0.86634219	4.82798355	5.3897537	1.53E-07	8.78E-06	7.0500675
SPRY1	212558_PM_at	1.39241	0.4775841	3.07E-05	238105_PM_x_at	WNT7B	-0.5881172	5.25473141	-5.388555	1.54E-07	8.82E-06	7.0443779

DISC1 /// TSNAX-DISC1	206090_PM_s_at	1.31165	0.3913828	3.07E-05	205419_PM_at	GPR183	1.0804631	5.25985604	5.387763	1.55E-07	8.84E-06	7.0406187
ZNF267	219540_PM_at	1.32179	0.402493	3.08E-05	202435_PM_s_at	CYP1B1	0.68780178	9.19874274	5.3859559	1.56E-07	8.90E-06	7.0320439
EOMES	231776_PM_at	1.69038	0.7573476	3.08E-05	225359_PM_at	DNAIC19	-0.36560441	9.48487468	-5.385875	1.56E-07	8.90E-06	7.0316595
DLL3	222898_PM_s_at	-1.24383	0.3147893	3.09E-05	208746_PM_x_at	ATP5L	-0.16067084	12.0246144	-5.38494	1.57E-07	8.93E-06	7.0272234
DPYSL2	200762_PM_at	1.22917	0.2976845	3.09E-05	224323_PM_s_at	MRO	-1.25108121	6.19457776	-5.384058	1.58E-07	8.96E-06	7.0230393
MEI1	230011_PM_at	1.36234	0.4460868	3.13E-05	1566265_PM_at	---	0.59308831	4.2047954	5.3829713	1.59E-07	8.98E-06	7.0178863
RASA2	206636_PM_at	1.43467	0.5207189	3.14E-05	237232_PM_at	---	0.26750987	3.39063598	5.3829329	1.59E-07	8.98E-06	7.0177041
ARNTL2	220658_PM_s_at	1.23704	0.3068922	3.14E-05	212013_PM_at	PXDN	0.88271054	6.97007021	5.3822972	1.59E-07	8.99E-06	7.0146893
EVL	217838_PM_s_at	1.47654	0.5622204	3.17E-05	210831_PM_s_at	PTGER3	-0.89231176	7.74929307	-5.381395	1.60E-07	9.02E-06	7.0104132
NNT	202783_PM_at	-1.64647	0.7193762	3.17E-05	204976_PM_s_at	AMMECR1	0.38344156	7.66747572	5.3766046	1.64E-07	9.23E-06	6.9877069
TRAF1	205599_PM_at	1.41032	0.4960225	3.18E-05	242878_PM_at	---	0.7314949	5.28924622	5.3760383	1.64E-07	9.24E-06	6.9850237
SEL1L3	212311_PM_at	1.61562	0.6920879	3.18E-05	202430_PM_s_at	PLSCR1	0.50267622	9.94811325	5.3741563	1.66E-07	9.31E-06	6.9761091
KLK15	234495_PM_at	-1.24336	0.3142441	3.18E-05	213620_PM_s_at	ICAM2	0.58519504	8.56135253	5.3724234	1.67E-07	9.38E-06	6.9679026
GOT1	208813_PM_at	-1.3387	0.4208327	3.2E-05	225562_PM_at	RASA3	0.74622534	6.25399313	5.3668506	1.72E-07	9.63E-06	6.9415265
CST7	210140_PM_at	2.01386	1.0099634	3.2E-05	203029_PM_s_at	PTPRN2	0.45904509	7.41131625	5.3655328	1.73E-07	9.68E-06	6.9352926
C9orf103	227865_PM_at	-1.61381	0.6904707	3.21E-05	210510_PM_s_at	NRP1	0.5430505	7.01687763	5.3647622	1.74E-07	9.70E-06	6.9316477
LTB4R2	220130_PM_x_at	-1.31258	0.3924054	3.27E-05	228790_PM_at	FAM110B	0.56468726	6.84904421	5.3642161	1.74E-07	9.71E-06	6.9290647
CD74	209619_PM_at	1.62637	0.7016555	3.27E-05	211693_PM_at	IGHA1	-0.45553106	4.54363408	-5.361233	1.77E-07	9.85E-06	6.9149618
JUN	201464_PM_x_at	1.63578	0.7099787	3.28E-05	214567_PM_s_at	XCL1 /// XCL2	1.24506845	5.68161972	5.3588738	1.79E-07	9.95E-06	6.9038103
FOSL2	205409_PM_at	1.67681	0.7457192	3.28E-05	204563_PM_at	SELL	1.29508902	5.63531353	5.3522014	1.85E-07	1.03E-05	6.8722964
RG57	206290_PM_s_at	-1.53976	0.6227055	3.28E-05	232226_PM_x_at	SSBP4	0.48111028	7.81789727	5.3504433	1.87E-07	1.03E-05	6.8639978
IKZF1	205038_PM_at	1.31275	0.3925922	3.28E-05	202531_PM_at	IRF1	0.93116021	7.53030366	5.3469754	1.90E-07	1.05E-05	6.8476355
AOAH	205639_PM_at	1.58066	0.6605271	3.29E-05	213716_PM_s_at	SECTM1	0.93327361	6.54193663	5.3468232	1.90E-07	1.05E-05	6.846918
FAM24B	231146_PM_at	-1.53027	0.6137862	3.3E-05	213857_PM_s_at	CD47	0.40577119	10.1208194	5.3467254	1.90E-07	1.05E-05	6.8464566
SELM	226051_PM_at	1.35409	0.4373236	3.31E-05	224701_PM_at	PARP14	0.63234232	8.74274225	5.3464294	1.91E-07	1.05E-05	6.8450603
RHBDF2	219202_PM_at	1.45849	0.5444755	3.32E-05	207141_PM_s_at	KCNJ3	-0.39488874	4.10392745	-5.3436	1.93E-07	1.06E-05	6.8317161
GHR	205498_PM_at	-1.41862	0.5044882	3.32E-05	207735_PM_at	RNF125	0.41542505	3.72917172	5.341776	1.95E-07	1.07E-05	6.8231197
NCKAP1L	209734_PM_at	1.59544	0.6739544	3.32E-05	204279_PM_at	PSMB9	0.828816	9.03778399	5.340784	1.96E-07	1.07E-05	6.8184448
SNX15	205482_PM_x_at	-1.21055	0.2756627	3.36E-05	210835_PM_s_at	CTBP2	0.30016964	10.0198483	5.3404302	1.96E-07	1.07E-05	6.8167773
UBE2D4	218837_PM_s_at	-1.22685	0.2949589	3.44E-05	205270_PM_s_at	LCP2	1.08075621	6.29969681	5.338138	1.99E-07	1.08E-05	6.8059775
SLC38A9	235241_PM_at	1.38801	0.473018	3.45E-05	211505_PM_s_at	STAU1	-0.5603959	9.32570668	-5.337918	1.99E-07	1.08E-05	6.8049416
SYTL1	227134_PM_at	1.29532	0.3733085	3.45E-05	211820_PM_x_at	GYPA	-0.41412975	4.38438534	-5.337329	1.99E-07	1.09E-05	6.8021646
LOXL4	227145_PM_at	1.32049	0.4010734	3.45E-05	201762_PM_s_at	PSME2	0.3828134	10.4022349	5.336677	2.00E-07	1.09E-05	6.7990958
DCDC2	222925_PM_at	1.52668	0.6103977	3.46E-05	1554948_PM_at	---	0.575744	3.92121883	5.3350934	2.02E-07	1.10E-05	6.7916385
PLCL1	205934_PM_at	-1.5323	0.6156988	3.48E-05	225353_PM_s_at	C1QC	1.13123443	8.49661125	5.3342888	2.02E-07	1.10E-05	6.7878502
LOC90499	234016_PM_at	-1.25207	0.3243152	3.49E-05	1552701_PM_a_at	CARD16	0.93712735	7.9827909	5.3330104	2.04E-07	1.10E-05	6.7818325
AKAP13	208325_PM_s_at	1.28179	0.3581599	3.5E-05	234725_PM_s_at	SEMA4B	0.640017	7.61691403	5.3328428	2.04E-07	1.10E-05	6.7810436
FCGR1A /// FCGR1C	216950_PM_s_at	1.81619	0.8609151	3.5E-05	1294_PM_at	UBA7	0.50841878	6.75878414	5.3326817	2.04E-07	1.10E-05	6.7802849
GP1BB	209769_PM_s_at	-1.45586	0.5418716	3.51E-05	243651_PM_at	CEPB3	-0.58586972	5.48709801	-5.329802	2.07E-07	1.11E-05	6.7667327
CLEC10A	206682_PM_at	1.88942	0.9179434	3.51E-05	219840_PM_s_at	TLG6	-0.9436257	5.13704816	-5.3298	2.07E-07	1.11E-05	6.7667623
LCN2	212531_PM_at	2.40718	1.267344	3.51E-05	213503_PM_x_at	ANXA2	0.58121227	11.3911269	5.3296255	2.07E-07	1.11E-05	6.7659034
SPATA24	238027_PM_at	-1.22901	0.2974967	3.52E-05	1569225_PM_a_at	SCML4	0.86855766	4.02648402	5.3294003	2.07E-07	1.11E-05	6.764844
MS4A7	223343_PM_at	2.11512	1.0807395	3.53E-05	210544_PM_s_at	ALDH3A2	-0.77043598	8.60547967	-5.32683	2.10E-07	1.13E-05	6.7527539
IGHD /// LOC100290059 /// LOC100292999	214973_PM_x_at	2.74867	1.4587337	3.54E-05	230212_PM_at	---	0.57194957	6.53060887	5.3264729	2.10E-07	1.13E-05	6.751075
SERPINA6	206325_PM_at	-1.72919	0.7900964	3.55E-05	232748_PM_at	PAPPA	0.4651036	3.68078625	5.3258311	2.11E-07	1.13E-05	6.7480571
CPNE6	210408_PM_s_at	-1.52074	0.6047735	3.68E-05	232204_PM_at	EBF1	0.83742646	5.80457845	5.3237926	2.13E-07	1.14E-05	6.7384737
LPCAT1	201818_PM_at	1.62907	0.7040486	3.69E-05	1559663_PM_at	---	0.52289306	3.75217324	5.3235813	2.14E-07	1.14E-05	6.7374805
ADM	202912_PM_at	-1.53891	0.6219089	3.74E-05	231302_PM_at	---	0.29553378	3.99919555	5.3232759	2.14E-07	1.14E-05	6.7360449
ELMOD1	231930_PM_at	-1.64162	0.7151202	3.8E-05	219505_PM_at	CECR1	0.85761922	8.55121633	5.322727	2.14E-07	1.14E-05	6.7334651
TNFRSF17	206641_PM_at	2.47355	1.3065831	3.81E-05	230627_PM_at	---	-0.41882343	4.43118895	-5.321282	2.16E-07	1.15E-05	6.7266769
RTTN	227072_PM_at	-1.26095	0.3345111	3.81E-05	200859_PM_x_at	FLNA	0.68877353	6.90099139	5.3200652	2.17E-07	1.15E-05	6.7209582
SFRP5	207468_PM_s_at	-1.22121	0.2883113	3.82E-05	205159_PM_at	CSF2RB	1.21240368	5.58230857	5.3194745	2.18E-07	1.15E-05	6.7181831
MSL1	212708_PM_at	1.56313	0.6444378	3.84E-05	223658_PM_at	KCNK6	0.5936371	4.71725245	5.3191568	2.18E-07	1.15E-05	6.7166909
PVRIG	219812_PM_at	1.77025	0.8239531	3.85E-05	209823_PM_x_at	HLA-DQB1	1.0633305	8.80595937	5.3184142	2.19E-07	1.16E-05	6.7132027
SERPINC1	210049_PM_at	-1.45567	0.5416833	3.85E-05	225927_PM_at	MAP3K1	0.45467358	9.6593873	5.3179937	2.20E-07	1.16E-05	6.7112281
LOC100290973	227287_PM_at	-1.24176	0.3123864	3.85E-05	208544_PM_at	ADRA2B	-0.28026706	4.28018013	-5.317818	2.20E-07	1.16E-05	6.7104049
EPN1	221141_PM_x_at	-1.31317	0.3930537	3.89E-05	214174_PM_s_at	PDLIM4	-0.48389047	5.01121012	-5.31774	2.20E-07	1.16E-05	6.7100376
PLA2G12B	224411_PM_at	-1.7228	0.7847552	3.9E-05	241353_PM_s_at	---	0.69345358	7.0625601	5.3167446	2.21E-07	1.16E-05	6.7053622
SLC34A2	204124_PM_at	2.03971	1.028364	3.96E-05	205081_PM_at	CRIP1	0.83180791	8.50650762	5.3165669	2.21E-07	1.16E-05	6.7045276
DLCLRE1C	219678_PM_x_at	1.30651	0.3857182	3.97E-05	225626_PM_at	PAG1	0.82098267	6.75856469	5.3158705	2.22E-07	1.16E-05	6.7012581
TMEM154	238063_PM_at	1.48596	0.5713953	3.97E-05	231516_PM_at	---	-0.3360111	4.24333082	-5.313848	2.24E-07	1.17E-05	6.6917632
SPATA21	1570241_PM_at	-1.22208	0.2893387	3.97E-05	214311_PM_at	ZFP11	-0.48837571	4.81197268	-5.311161	2.27E-07	1.19E-05	6.6791534
TUBA1B	201090_PM_x_at	1.22522	0.2930408	3.98E-05	1569234_PM_at	---	-0.51349914	4.62157636	-5.310501	2.28E-07	1.19E-05	6.6760578
CMTM3	224733_PM_at	1.41967	0.5055556	3.98E-05	237665_PM_at	---	0.58772984	4.18483405	5.3089592	2.30E-07	1.20E-05	6.6688277
GLIPR1	204221_PM_x_at	1.81307	0.8584346	3.99E-05	205039_PM_s_at	IKZF1	0.86999774	5.70365432	5.305652	2.33E-07	1.21E-05	6.6533209

NDUFAF1	204125_PM_at	-1.2267	0.2947825	5.47E-05	213624_PM_at	SMPDL3A	-0.51361654	9.66021406	-5.243549	3.17E-07	1.51E-05	6.3635843
MAN2C1	203668_PM_at	-1.35102	0.434049	5.55E-05	210764_PM_s_at	CYR61	1.04775476	5.33774613	5.2433011	3.18E-07	1.51E-05	6.3624339
RPRG	207624_PM_s_at	1.36417	0.4480234	5.56E-05	213010_PM_at	PRKCDBP	0.53522891	7.79359905	5.2415423	3.20E-07	1.52E-05	6.3542685
DLG2	228973_PM_at	-1.2038	0.2675957	5.58E-05	235206_PM_at	---	-0.50454052	6.56350041	-5.234593	3.32E-07	1.57E-05	6.3220278
MCEE	226238_PM_at	-1.49613	0.5812355	5.59E-05	208480_PM_s_at	ABCC6 /// LOC100292715	-0.64711836	4.6131193	-5.233564	3.33E-07	1.58E-05	6.3172575
WDR25	219609_PM_at	-1.22665	0.2947237	5.59E-05	236529_PM_at	SRCRB4D	-0.5378767	5.22156831	-5.23331	3.34E-07	1.58E-05	6.3160832
MPZL2	203779_PM_s_at	1.45324	0.539273	5.6E-05	221701_PM_s_at	STR6A	-0.99780221	6.11332974	-5.231339	3.37E-07	1.59E-05	6.3069442
CHP2	206149_PM_at	-1.46255	0.5484859	5.66E-05	215873_PM_x_at	ABCC10	0.38993088	5.69709681	5.2306591	3.38E-07	1.59E-05	6.3037943
CCR2	206978_PM_at	1.5253	0.609093	5.73E-05	206610_PM_s_at	F11	-0.72331237	5.95539824	-5.227773	3.43E-07	1.61E-05	6.2904239
IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4	211641_PM_x_at	2.27513	1.185949	5.73E-05	201792_PM_at	AEBP1	0.83855019	7.8588574	5.2256763	3.46E-07	1.63E-05	6.2807136
FRMD3	229893_PM_at	-1.37542	0.4598722	5.75E-05	210140_PM_at	CS7T	0.9427908	5.49372635	5.2231574	3.51E-07	1.65E-05	6.2690523
GSTA3	222102_PM_at	-1.5681	0.6490176	5.79E-05	212080_PM_at	MLL	0.53415437	7.12012373	5.2209133	3.55E-07	1.66E-05	6.2586675
DUX4 /// LOC441056 /// LOC653543 /// LOC653544 /// LOC653545	216473_PM_x_at	-1.45161	0.5376539	5.8E-05	1563075_PM_s_at	---	0.82414487	6.36257932	5.2168984	3.62E-07	1.69E-05	6.2400964
GIMAP4	219243_PM_at	1.36153	0.4452288	5.82E-05	228531_PM_at	SAMD9	0.735554	7.08021279	5.2158719	3.64E-07	1.70E-05	6.2353504
LOC100287081	228231_PM_at	-1.2655	0.3397075	5.84E-05	1563367_PM_at	LOC100128977	-0.64383263	4.17266927	-5.214903	3.65E-07	1.71E-05	6.2308728
FYB	205285_PM_s_at	1.55028	0.6325288	5.89E-05	241347_PM_at	RNF213	0.80530443	7.24571705	5.2142244	3.66E-07	1.71E-05	6.2277346
NHSL1	226490_PM_at	-1.35024	0.4332159	5.89E-05	206932_PM_at	CH25H	0.78936721	4.45111887	5.2138392	3.67E-07	1.71E-05	6.225954
MGAT3	208058_PM_s_at	-1.22195	0.2891853	5.89E-05	227862_PM_at	TRNP1	0.71778547	7.03604941	5.2127856	3.69E-07	1.72E-05	6.2210853
DTWD2	231277_PM_x_at	-1.24272	0.3135013	5.9E-05	202682_PM_s_at	USP4	0.23499173	9.31824139	5.2121369	3.70E-07	1.72E-05	6.2180877
GPC2	239422_PM_at	-1.30489	0.3839282	5.91E-05	205069_PM_s_at	ARHGAP26	0.33737193	3.85387119	5.2098638	3.74E-07	1.74E-05	6.2075865
DGKA	203385_PM_at	1.2986	0.3769571	5.92E-05	212587_PM_s_at	PTPRC	1.20825987	8.06891207	5.2096436	3.75E-07	1.74E-05	6.2065695
DCK	203302_PM_at	1.39265	0.4778327	5.92E-05	236874_PM_at	LOC100286999	-0.42762096	4.96057363	-5.207605	3.79E-07	1.75E-05	6.1971558
ACADS8	205355_PM_at	-1.50559	0.590329	6.1E-05	205898_PM_at	CX3CR1	0.87337606	8.03672676	5.2055513	3.82E-07	1.77E-05	6.1876737
PTPRCAP	204960_PM_at	1.66308	0.7338576	6.11E-05	202156_PM_s_at	CELF2	0.99730564	6.72557779	5.2044173	3.85E-07	1.78E-05	6.1824399
FOLH1B	211303_PM_x_at	-1.9831	0.9877574	6.12E-05	216210_PM_x_at	TRIOBP	0.35491406	9.04184304	5.202456	3.88E-07	1.79E-05	6.1733901
NACCC1	227651_PM_at	-1.27019	0.3450443	6.16E-05	226899_PM_at	UNC5B	0.59372431	7.39500962	5.2009119	3.91E-07	1.80E-05	6.166267
LOC728855	222001_PM_x_at	1.24529	0.3164818	6.18E-05	205336_PM_at	PVALB	-1.14495395	7.82784772	-5.198423	3.96E-07	1.82E-05	6.1547874
MECR	218664_PM_at	-1.24819	0.3198376	6.19E-05	247176_PM_at	HSPD1	0.34767816	3.2415671	5.1980673	3.97E-07	1.82E-05	6.1531492
HLA-B	208729_PM_x_at	1.44255	0.5286213	6.2E-05	202476_PM_s_at	TUBGCP2	-0.48693051	5.51127939	-5.197388	3.98E-07	1.82E-05	6.150017
ANKRD46	212731_PM_at	-1.36702	0.4510344	6.22E-05	209050_PM_s_at	RALGDS	0.73246244	6.91166631	5.1972649	3.98E-07	1.82E-05	6.14945
CALML3	210020_PM_x_at	-1.94826	0.9621862	6.22E-05	204882_PM_at	ARHGAP25	0.77550332	6.22736131	5.1971002	3.99E-07	1.82E-05	6.1486909
PAPPA2	211918_PM_x_at	1.40961	0.4952961	6.24E-05	202082_PM_s_at	SEC14L1	0.48051783	8.03605883	5.1968973	3.99E-07	1.82E-05	6.1477555
PSD	208102_PM_s_at	-1.26906	0.3437603	6.27E-05	203490_PM_at	ELF4	0.35137988	4.85847109	5.1959173	4.01E-07	1.83E-05	6.1432384
LOC100289727 /// NCF1 /// NCF1B /// NCF1C	214084_PM_x_at	1.58313	0.6627797	6.39E-05	1554652_PM_s_at	MAST4	-0.5571106	5.39654837	-5.195758	4.01E-07	1.83E-05	6.142503
SLC25A4	202825_PM_at	-1.23027	0.298975	6.41E-05	222080_PM_s_at	SIRT5	-0.37275295	4.39256378	-5.194899	4.03E-07	1.84E-05	6.1385458
PIGR	204213_PM_at	1.50262	0.5874802	6.45E-05	232162_PM_at	ZNF696	-0.452486	4.61739861	-5.19159	4.09E-07	1.86E-05	6.1233018
PSTPIP2	219938_PM_s_at	1.43704	0.5231002	6.5E-05	218802_PM_at	CDC109B	0.99267599	6.26094472	5.1900365	4.13E-07	1.88E-05	6.1161469
SLC16A10	219915_PM_s_at	-1.85159	0.8887647	6.51E-05	230036_PM_at	SAMD9L	0.68645569	6.70776372	5.1875836	4.17E-07	1.90E-05	6.1048544
RASA3	206220_PM_s_at	1.20485	0.2688535	6.51E-05	226372_PM_at	CHST11	0.75658989	5.97177408	5.186685	4.19E-07	1.90E-05	6.1007187
CD47	211075_PM_s_at	1.47801	0.563656	6.53E-05	203835_PM_at	LRRC32	0.43571898	8.35315573	5.1842069	4.24E-07	1.92E-05	6.0893162
ATF5	204998_PM_s_at	-1.33569	0.4175852	6.54E-05	231247_PM_s_at	---	0.31054944	3.46642617	5.1827134	4.28E-07	1.93E-05	6.082446
CD96	206761_PM_at	1.29289	0.3705995	6.54E-05	204804_PM_at	TRIM21	0.4915553	6.79003394	5.1807537	4.32E-07	1.95E-05	6.0734342
PKFB2	207931_PM_s_at	-1.33395	0.4157046	6.54E-05	218611_PM_at	IERS5	0.59777901	7.97767129	5.1802408	4.33E-07	1.95E-05	6.0710761
JUNB	201473_PM_at	1.33812	0.4202075	6.55E-05	213055_PM_at	CD47	0.35133739	4.26579562	5.1785229	4.36E-07	1.97E-05	6.0631789
HYAL2	206855_PM_s_at	1.3411	0.4234168	6.57E-05	218880_PM_at	FOSL2	0.78457494	5.30369326	5.1781917	4.37E-07	1.97E-05	6.0616567
ANXA3	209369_PM_at	1.66158	0.7325558	6.6E-05	229553_PM_at	PGM2L1	0.74168196	6.13784193	5.1780248	4.37E-07	1.97E-05	6.0608897
MKRN2	216995_PM_x_at	-1.20622	0.2704931	6.61E-05	213332_PM_at	PAPPA2	1.05080462	8.18877812	5.17735	4.39E-07	1.97E-05	6.0577886
C7orf50	224478_PM_s_at	-1.35654	0.4399316	6.61E-05	223776_PM_x_at	TINF2	0.25852976	8.81767897	5.176874	4.40E-07	1.97E-05	6.0556012
C9orf167	219620_PM_x_at	1.342	0.4243847	6.66E-05	217998_PM_at	LOC100289208 /// PHLDA1	-0.47341571	5.96792442	-5.176297	4.41E-07	1.97E-05	6.0529497
GK	207387_PM_s_at	-1.88206	0.9123126	6.68E-05	225001_PM_at	RAB3D	0.49183436	7.24296187	5.1762303	4.41E-07	1.97E-05	6.0526436
TFPI2	209277_PM_at	2.16969	1.1174889	6.69E-05	207508_PM_at	ATPSG3	-0.21726698	12.0242675	-5.175307	4.43E-07	1.98E-05	6.0484029
MYL10	221659_PM_s_at	-1.26317	0.3370488	6.74E-05	239634_PM_at	---	-0.2811648	3.69928	-5.174034	4.46E-07	1.99E-05	6.0425561
ELK3	221773_PM_at	1.46226	0.5481999	6.76E-05	205939_PM_at	CYP3A7	-1.06795884	6.08229574	-5.173019	4.48E-07	2.00E-05	6.0378907
BCL11B	219528_PM_s_at	1.71963	0.7820982	6.77E-05	208012_PM_x_at	SP110	0.55667308	7.82819722	5.1729164	4.48E-07	2.00E-05	6.0374211
AEBP1	201792_PM_at	1.8012	0.8489584	6.77E-05	219117_PM_s_at	FKBP11	0.6264046	8.55121506	5.172225	4.50E-07	2.00E-05	6.0342464
ADRB2	206170_PM_at	1.42375	0.5096958	6.79E-05	222849_PM_s_at	SCRN3	-0.37256356	7.46914682	-5.17071	4.53E-07	2.01E-05	6.0272886
CRLF3	205474_PM_at	1.36222	0.4459597	6.8E-05	222419_PM_x_at	UBE2H	-0.3533845	4.70111192	-5.170139	4.55E-07	2.02E-05	6.0246682
MX1	202086_PM_at	1.59966	0.6777653	6.8E-05	208328_PM_s_at	MEF2A	0.6351338	7.34090002	5.1696605	4.56E-07	2.02E-05	6.0224731
NDUFB8 /// SEC31B	201226_PM_at	-1.20601	0.2702419	6.81E-05	230640_PM_at	---	0.56650329	5.26634839	5.1664217	4.63E-07	2.05E-05	6.0076112
SORCS1	228194_PM_s_at	-1.61133	0.688252	6.85E-05	209546_PM_s_at	APOL1	0.69718317	7.73007335	5.165804	4.64E-07	2.05E-05	6.0047774
C17orf91	214696_PM_at	-1.23947	0.3097234	6.86E-05	224463_PM_s_at	C11orf70	0.49457181	4.38940733	5.1623918	4.72E-07	2.08E-05	5.9891296
COX5A	203663_PM_s_at	-1.21475	0.2806594	6.87E-05	233589_PM_x_at	C9orf167	0.42768818	4.49036314	5.1619364	4.73E-07	2.09E-05	5.9870421
MICB	206247_PM_at	1.3691	0.4532278	7.04E-05	229659_PM_s_at	---	0.73633901	8.4417762	5.1617328	4.74E-07	2.09E-05	5.9861084
DNMT3L	220139_PM_at	-1.9539	0.9663566	7.1E-05	221524_PM_s_at	RRAGD	-0.42186461	9.40387334	-5.160248	4.77E-07	2.10E-05	5.9793028
KIAA1147	223161_PM_at	-1.29403	0.3718711	7.15E-05	229930_PM_at	LOC100134361	0.53224595	5.32740243	5.1577516	4.83E-07	2.12E-05	5.9678637

TTTT14	224003_PM_at	-1.42572	0.5116907	7.15E-05	214639_PM_s_at	HOXA1	0.42176628	4.97560851	5.1560886	4.87E-07	2.14E-05	5.9602461
ARHGAP28	227911_PM_at	-1.56725	0.6482353	7.17E-05	238150_PM_at	---	-0.32680071	4.14505767	-5.155977	4.87E-07	2.14E-05	5.9597333
IGHA1 /// IGHJ /// IGHG1 /// IGHG3 /// IGHM /// IGHV4-31 ///	216557_PM_x_at	2.48369	1.3124851	7.17E-05	202638_PM_s_at	ICAM1	0.85420165	5.58977101	5.155058	4.89E-07	2.14E-05	5.9555263
CTS11	202087_PM_s_at	-1.26164	0.3353003	7.18E-05	218789_PM_s_at	C11orf71	-0.51573468	7.87914515	-5.154457	4.91E-07	2.15E-05	5.9527757
GALNT6	219956_PM_at	1.3015	0.3801753	7.18E-05	212115_PM_at	HN1L	0.37259388	9.563382	5.1538735	4.92E-07	2.15E-05	5.9501028
RBM47	218035_PM_s_at	-1.22222	0.289504	7.18E-05	211965_PM_at	ZFP361L	0.58185367	5.52272403	5.1537112	4.92E-07	2.15E-05	5.9493598
C3	217767_PM_at	2.08844	1.0624257	7.21E-05	223168_PM_at	RHO	0.53349781	7.5393052	5.1533093	4.93E-07	2.15E-05	5.9475198
TLR7	220146_PM_at	1.25051	0.3225166	7.23E-05	217984_PM_at	RNASET2	0.53899575	9.55271765	5.1522944	4.96E-07	2.16E-05	5.9428739
APOH	205216_PM_s_at	-2.43413	1.2834062	7.26E-05	223411_PM_at	MIF4GD	0.37560731	8.67867047	5.1522042	4.96E-07	2.16E-05	5.9424609
SLC37A1	218928_PM_s_at	1.2697	0.3444877	7.26E-05	207688_PM_s_at	---	0.65500913	6.60628001	5.1520444	4.96E-07	2.16E-05	5.9417297
MCCC1	218440_PM_at	-1.34313	0.4255989	7.35E-05	209614_PM_at	ADH1B	0.81949113	5.64217457	5.150679	5.00E-07	2.17E-05	5.9354807
RHCG	219554_PM_at	-1.86366	0.8981387	7.39E-05	201300_PM_s_at	PRNP	-0.28743458	11.075786	-5.150092	5.01E-07	2.17E-05	5.9327957
GPR144	216289_PM_at	-1.23461	0.3040554	7.4E-05	219386_PM_s_at	SLAMF8	1.26001041	5.3871567	5.1496893	5.02E-07	2.17E-05	5.930952
C15orf59	230475_PM_at	-1.54017	0.6230896	7.44E-05	209960_PM_at	HGF	0.79841437	7.47808187	5.1489776	5.04E-07	2.18E-05	5.927696
FKBP1B	206857_PM_s_at	1.45808	0.5440699	7.5E-05	218805_PM_at	GIMAP5	0.62731313	8.32043695	5.1482294	5.06E-07	2.18E-05	5.9242732
ADAL	238424_PM_at	-1.26517	0.3393313	7.54E-05	217436_PM_x_at	HLA-A /// HLA-F /// HLA-J	0.50576808	9.65207029	5.1460506	5.11E-07	2.20E-05	5.9143083
CCNYL1	227280_PM_s_at	-1.25002	0.3219512	7.58E-05	227325_PM_at	PRR24	0.47552467	8.02957523	5.144542	5.15E-07	2.22E-05	5.9074106
LOC100286999	236874_PM_at	-1.31227	0.3920646	7.58E-05	214853_PM_s_at	SHC1	0.34498601	9.39408101	5.141888	5.21E-07	2.24E-05	5.8952797
MX2	204994_PM_at	1.65683	0.7284256	7.78E-05	1553222_PM_at	OXER1	-0.43464833	5.359261	-5.139914	5.26E-07	2.26E-05	5.8862599
LGALS9	203236_PM_s_at	1.42414	0.510091	7.79E-05	204589_PM_at	NUAK1	0.59409613	8.14481732	5.1393939	5.28E-07	2.27E-05	5.8838846
IFI27	202411_PM_at	1.51629	0.6005457	7.82E-05	237869_PM_at	A2LD1	-0.53008894	3.92397513	-5.139033	5.29E-07	2.27E-05	5.8822347
GALNT1	201722_PM_s_at	1.27759	0.3534249	7.85E-05	220130_PM_x_at	LTB4R2	-0.41816388	4.2957195	-5.138826	5.29E-07	2.27E-05	5.8812924
TRIM10	221627_PM_at	-1.3566	0.4399954	7.91E-05	240145_PM_at	---	0.52402214	4.24799339	5.1382454	5.31E-07	2.27E-05	5.8786389
DLGAP1	206489_PM_s_at	1.213	0.2785796	7.92E-05	224833_PM_at	ETS1	0.46240637	9.31493215	5.1382356	5.31E-07	2.27E-05	5.8785939
PLEKHN1	224125_PM_at	-1.38889	0.4739323	7.95E-05	2030175_PM_at	RHO	0.52557752	7.51184639	5.1367409	5.35E-07	2.28E-05	5.8716043
FOXD4 /// FOXD4L1	217032_PM_at	-1.31433	0.3943276	7.98E-05	232724_PM_at	MS4A6A	0.738626	4.83131866	5.1366317	5.35E-07	2.28E-05	5.8712697
SRGAP2	213329_PM_at	1.23793	0.3079297	7.99E-05	225484_PM_at	TSGA14	0.45634646	6.50470343	5.1362096	5.36E-07	2.28E-05	5.8693429
PPP2R2A	202313_PM_at	-1.21024	0.2752932	7.99E-05	211921_PM_x_at	PTMA	0.27007548	12.0069482	5.135473	5.38E-07	2.29E-05	5.86598
E2F3	203692_PM_s_at	1.21538	0.2814075	8E-05	226430_PM_at	RELL1	0.49726571	8.66061387	5.1351569	5.39E-07	2.29E-05	5.8645368
	9-Sep 207425_PM_s_at	1.28306	0.3595886	8E-05	201268_PM_at	NME1-NME2 /// NME2	0.22388309	11.347774	5.1314462	5.49E-07	2.33E-05	5.8476029
C7orf55 /// LUC7L2	226781_PM_at	-1.25666	0.3295944	8E-05	229719_PM_s_at	DERL3	-0.42723544	4.08362093	-5.130394	5.51E-07	2.34E-05	5.842805
LPP	202821_PM_s_at	1.3813	0.4660267	8.01E-05	218373_PM_at	AKTIP	-0.36184728	8.51261916	-5.129595	5.53E-07	2.34E-05	5.8391599
CHCHD1	226896_PM_at	-1.23775	0.3077199	8.08E-05	222868_PM_s_at	IL18BP	1.01928935	5.86297751	5.129347	5.54E-07	2.34E-05	5.8380278
JRKL	206734_PM_at	1.24906	0.3208428	8.09E-05	1565681_PM_s_at	DIP2C	-0.8414039	6.48841949	-5.129271	5.54E-07	2.34E-05	5.8376804
FOLH1	205860_PM_x_at	-1.96392	0.9737362	8.12E-05	219191_PM_s_at	BIN2	0.80025653	5.61423689	5.12912	5.55E-07	2.34E-05	5.8369926
SLC17A5	221041_PM_s_at	-1.42524	0.5112049	8.19E-05	231089_PM_at	---	-0.30936997	3.89795184	-5.128486	5.56E-07	2.35E-05	5.8341027
BRPF1	204481_PM_at	1.23641	0.3061572	8.19E-05	1559237_PM_a_at	---	-0.31903533	4.23648882	-5.127735	5.58E-07	2.35E-05	5.8306765
CCDC142 /// MRPL53	225523_PM_at	-1.20888	0.273671	8.3E-05	201621_PM_at	NBL1	0.58431889	8.30008624	5.1262494	5.62E-07	2.37E-05	5.8239043
FBXL5	209004_PM_s_at	-1.22137	0.2885003	8.36E-05	204806_PM_x_at	HLA-F	0.60239439	10.0961682	5.1258935	5.63E-07	2.37E-05	5.8222819
TMEM207	237639_PM_at	-2.29284	1.1971357	8.39E-05	201328_PM_at	ETS2	0.3683075	8.44290287	5.1257985	5.64E-07	2.37E-05	5.8218489
GPR162	205056_PM_s_at	-1.24209	0.3127697	8.4E-05	221978_PM_at	HLA-F	0.78302542	5.10146772	5.1253526	5.65E-07	2.37E-05	5.8198167
ZYG11B	225338_PM_at	-1.20462	0.2685781	8.45E-05	239005_PM_at	FU39739	0.67862929	6.34569633	5.1238623	5.69E-07	2.38E-05	5.8130248
PLSCR1	202430_PM_s_at	1.44525	0.5313191	8.51E-05	213148_PM_at	C2orf72	-0.29255737	4.19118578	-5.123405	5.70E-07	2.38E-05	5.8109424
LOC389458	230439_PM_at	-1.30807	0.3874397	8.55E-05	231658_PM_x_at	LOC100289079	0.58768802	7.72210974	5.1224067	5.73E-07	2.39E-05	5.806393
C20orf151	236258_PM_at	-1.3556	0.4389315	8.6E-05	1556000_PM_s_at	BTBD7	0.30948014	8.64535929	5.1205654	5.78E-07	2.41E-05	5.7980059
BAG5	202984_PM_s_at	1.26801	0.3425661	8.62E-05	201506_PM_at	TGFB1	0.81032236	9.18699778	5.1202853	5.79E-07	2.41E-05	5.7967305
LOC100290557	216412_PM_x_at	1.86195	0.8968143	8.65E-05	218429_PM_s_at	C19orf66	0.46930996	8.49303181	5.1202075	5.79E-07	2.41E-05	5.7963761
GPM6B	209167_PM_at	1.68514	0.7528685	8.65E-05	213922_PM_at	TBK2	0.50608074	6.36316257	5.1199435	5.80E-07	2.41E-05	5.7951739
MS4A4A	224357_PM_s_at	1.727	0.7882681	8.65E-05	226818_PM_at	MPEG1	1.05642297	7.84937304	5.1190961	5.82E-07	2.42E-05	5.7913153
SEMA4D	203528_PM_at	1.27488	0.3503615	8.65E-05	228153_PM_at	RNF144B	0.78710677	8.47640942	5.1179815	5.85E-07	2.43E-05	5.7862409
MT3	205970_PM_at	-1.30052	0.3790886	8.66E-05	243041_PM_s_at	---	0.71470173	5.14036105	5.1179426	5.86E-07	2.43E-05	5.7860636
ADRB1	229277_PM_at	-1.26807	0.3426344	8.66E-05	216224_PM_s_at	HDAC6	-0.44511663	5.28049546	-5.117641	5.86E-07	2.43E-05	5.7846903
GDF5	221136_PM_at	-1.20987	0.274852	8.67E-05	227529_PM_s_at	AKAP12	0.8754579	6.72009196	5.1153312	5.93E-07	2.45E-05	5.7741781
CD93	202877_PM_s_at	1.35998	0.4435854	8.71E-05	223824_PM_at	RNLS	-0.54098447	8.69146755	-5.11049	6.07E-07	2.51E-05	5.7521588
KLF10	202393_PM_s_at	1.32695	0.408114	8.75E-05	225016_PM_at	APCDD1	0.94768701	5.86544343	5.1104265	6.07E-07	2.51E-05	5.7518683
RNF151	236689_PM_at	-1.20552	0.2696556	8.8E-05	204924_PM_at	TLR2	0.73904861	6.40228823	5.1097001	6.09E-07	2.51E-05	5.7485659
VEGFB	203683_PM_s_at	-1.27122	0.3462137	8.8E-05	237324_PM_s_at	HKDC1	-0.52416243	4.81688282	-5.109659	6.09E-07	2.51E-05	5.7483803
VANGL2	226029_PM_at	1.46512	0.5510188	8.92E-05	212646_PM_at	RFTN1	0.53903478	8.78648695	5.1082227	6.14E-07	2.52E-05	5.7418498
MMP17	206234_PM_s_at	-1.25299	0.3253749	8.93E-05	1556051_PM_a_at	BICD1	0.54374196	5.8279023	5.1079037	6.15E-07	2.52E-05	5.7403999
CALHM2	221565_PM_s_at	1.43266	0.5186963	8.93E-05	222895_PM_s_at	BCL11B	1.09088619	5.1429043	5.1076193	6.15E-07	2.53E-05	5.7391076
MLL	212076_PM_at	1.35444	0.4376965	8.93E-05	239643_PM_at	---	-0.53570663	4.87921512	-5.107123	6.17E-07	2.53E-05	5.7368499
PGM1	201968_PM_s_at	-1.23328	0.3025004	8.95E-05	224951_PM_at	LASS5	0.3412455	7.9581923	5.1035284	6.28E-07	2.57E-05	5.7205211
SPR	203458_PM_at	-1.2001	0.2631546	8.99E-05	201995_PM_at	EXT1	0.38876801	8.28476	5.1000838	6.38E-07	2.61E-05	5.7048809
ICAM2	204683_PM_at	1.40757	0.4932067	9.04E-05	225363_PM_at	PTEN	0.26359794	10.4541212	5.0998736	6.39E-07	2.61E-05	5.7039265
RAB33B	221014_PM_s_at	1.24389	0.3148589	9.07E-05	239954_PM_at	ZNF160	0.25804821	3.40318205	5.0990439	6.41E-07	2.61E-05	5.7001609

FCN1	205237_PM_at	1.7428	0.801407	9.08E-05	244567_PM_at	---	1.44368074	6.33869392	5.0990209	6.42E-07	2.61E-05	5.7000561
CDKN2AIPNL	235006_PM_at	-1.27764	0.3534814	9.08E-05	218760_PM_at	COQ6	-0.35052752	7.73132595	-5.096617	6.49E-07	2.64E-05	5.6891504
C17orf55	243263_PM_at	-1.29287	0.3705772	9.09E-05	226725_PM_at	---	0.69834276	7.10153629	5.0965699	6.49E-07	2.64E-05	5.6889344
GPR65	214467_PM_at	1.63506	0.7093436	9.09E-05	214803_PM_at	CDH6	0.90434493	9.7847833	5.0947766	6.55E-07	2.66E-05	5.6808
G0S2	213524_PM_s_at	-1.4762	0.5618882	9.09E-05	1554677_PM_s_at	CMTM4	-0.39609315	4.36059819	-5.091487	6.65E-07	2.70E-05	5.6658863
CLIC1	208659_PM_at	1.38672	0.4716765	9.09E-05	238046_PM_x_at	PWWP2B	-0.55624425	5.30870957	-5.090935	6.67E-07	2.70E-05	5.6633818
TAGLN	205547_PM_s_at	1.73501	0.794944	9.12E-05	222592_PM_s_at	ACSL5	0.84569864	5.55935044	5.0899161	6.70E-07	2.71E-05	5.6587639
ADH5	208847_PM_s_at	-1.24672	0.3181375	9.15E-05	208414_PM_s_at	HOXB3	-0.41517906	5.06506993	-5.089665	6.71E-07	2.71E-05	5.6576277
NEDD4L	212445_PM_s_at	-1.34132	0.4236535	9.18E-05	226142_PM_at	GLIPIR1	1.02326921	5.91977105	5.0887853	6.74E-07	2.72E-05	5.6536401
PET112L	204300_PM_at	-1.28343	0.3600046	9.19E-05	1559025_PM_at	---	0.36706498	3.71802734	5.0884077	6.75E-07	2.72E-05	5.651929
TNFRSF1A	207643_PM_s_at	1.25567	0.3284574	9.22E-05	206090_PM_s_at	DISC1 /// TSNAX-DISC1	0.42827585	5.47564322	5.0872947	6.79E-07	2.74E-05	5.6468869
ACOT8	204212_PM_at	-1.22074	0.287756	9.22E-05	218044_PM_x_at	PTMS	-0.27620352	3.66587532	-5.087051	6.80E-07	2.74E-05	5.645784
CAMK1D /// LOC283070	226382_PM_at	1.52061	0.6046502	9.22E-05	228314_PM_at	LRRC8C	0.72756209	5.92940251	5.0860154	6.83E-07	2.75E-05	5.6410921
HOOK3	224359_PM_s_at	1.26711	0.3415418	9.26E-05	218870_PM_at	ARHGAP15	0.85074406	7.55536034	5.0842444	6.89E-07	2.77E-05	5.6330725
GPRASP2	228027_PM_at	-1.21788	0.284372	9.29E-05	212503_PM_s_at	DIP2C	-0.46954644	9.39932336	-5.083497	6.91E-07	2.77E-05	5.6296866
F11	206610_PM_s_at	-1.30895	0.38841	9.31E-05	217413_PM_s_at	TNXB	-0.36883747	4.69386971	-5.082487	6.95E-07	2.79E-05	5.6251143
HDAC9	205659_PM_at	1.56346	0.6447423	9.32E-05	204482_PM_at	---	0.33988122	3.63780722	5.080661	7.01E-07	2.81E-05	5.6168525
GBP5	229625_PM_at	1.78261	0.8339911	9.33E-05	203315_PM_at	NCK2	0.26397049	9.27007409	5.0757012	7.18E-07	2.87E-05	5.5944176
TLR5	210166_PM_at	1.46808	0.5539306	9.34E-05	200932_PM_s_at	DCTN2	0.23307041	9.82421028	5.0755626	7.18E-07	2.87E-05	5.5937909
LOC100289811 /// LOC441259 /// PMS2 /// PMS2L1 /// PMS2	216039_PM_at	-1.20992	0.2749117	9.36E-05	1564639_PM_at	LOC389906	0.47771383	4.17322447	5.0746433	7.21E-07	2.88E-05	5.5896347
WT1	206067_PM_s_at	-1.52969	0.6132393	9.38E-05	206587_PM_at	CCT6B	-0.43758415	5.93080809	-5.074612	7.21E-07	2.88E-05	5.5894942
IL7	206693_PM_at	1.47099	0.5567874	9.39E-05	219716_PM_at	APOL6	0.69943579	6.61342301	5.0736414	7.25E-07	2.89E-05	5.5851058
ERG	211626_PM_x_at	1.24832	0.3199878	9.4E-05	203729_PM_at	EMP3	0.69642633	6.72099301	5.0730619	7.27E-07	2.89E-05	5.5824866
FAR2	220615_PM_s_at	1.3097	0.3892364	9.42E-05	205999_PM_x_at	CYP3A4	-0.99864389	5.71651646	-5.072636	7.28E-07	2.90E-05	5.5805613
HSPA5	211936_PM_at	1.22211	0.2893741	9.46E-05	233204_PM_at	LOC728153	0.53585012	5.15144135	5.0722813	7.30E-07	2.90E-05	5.5789588
CMPK2	226702_PM_at	1.60157	0.6794869	9.47E-05	241650_PM_x_at	HMCN2	-0.43436594	4.62489349	-5.071473	7.32E-07	2.91E-05	5.5753081
STAT1	AFFX-HUMISGF3A/h	1.47186	0.5576405	9.47E-05	219666_PM_at	MS4A6A	0.95294569	8.14882932	5.0711702	7.33E-07	2.91E-05	5.5739385
CLEC4E	219859_PM_at	1.2679	0.342441	9.54E-05	201193_PM_at	IDH1	-0.50552821	10.9166022	-5.070928	7.34E-07	2.91E-05	5.5728435
CHRN2	206635_PM_at	-1.20857	0.273301	9.58E-05	216853_PM_x_at	IGLV3-19	1.73290907	5.33547629	5.0705629	7.36E-07	2.91E-05	5.5711948
LOC100289043	216571_PM_at	-1.23405	0.3034008	9.63E-05	204642_PM_at	S1PR1	0.62168943	6.8921836	5.070233	7.37E-07	2.91E-05	5.5697043
SERPINH1	207714_PM_s_at	1.65676	0.7283646	9.68E-05	209250_PM_at	DEGS1	0.32051038	9.24513209	5.0695573	7.39E-07	2.92E-05	5.5666518
LOC100132999	229872_PM_s_at	1.32579	0.4068523	9.73E-05	206804_PM_at	D3G	0.91723109	4.84470577	5.0657719	7.53E-07	2.97E-05	5.5495587
WNT7B	238105_PM_x_at	-1.42259	0.5085199	9.74E-05	228752_PM_at	EFCAB4B	0.61031406	4.26081429	5.0653518	7.54E-07	2.97E-05	5.5476623
IGH@ /// IGHA1 /// IGHA2 /// IGHG /// IGHG1 /// IGHG2 /// IGHG3 /// IGHG4	211637_PM_x_at	2.76186	1.4656402	9.75E-05	224053_PM_s_at	SLC4A9	-0.46467128	4.8518311	-5.064881	7.56E-07	2.97E-05	5.5455365
PLA1A	219584_PM_at	1.72675	0.7880592	9.78E-05	55583_PM_at	DOCK6	0.47056667	6.08333234	5.0647366	7.56E-07	2.97E-05	5.5448856
IL17RA	205707_PM_at	1.32619	0.4072875	9.97E-05	212588_PM_at	PTPRC	1.05160812	8.25375386	5.0567907	7.86E-07	3.08E-05	5.5090449
CBR1	209213_PM_at	-1.35075	0.4337607	0.000102	225667_PM_s_at	FAM84A	0.72911965	6.08515107	5.056234	7.88E-07	3.09E-05	5.5065356
HAS2	206432_PM_at	1.25565	0.3284344	0.000102	227259_PM_at	CD47	0.64177156	6.18547082	5.0550362	7.92E-07	3.10E-05	5.5011375
ARHGAP15	218870_PM_at	1.72692	0.7882013	0.000102	211546_PM_x_at	SNCA	-0.32637547	4.82929506	-5.054158	7.96E-07	3.11E-05	5.4971821
SNRPA	201770_PM_at	1.24964	0.3215125	0.000102	215001_PM_s_at	GLUL	0.35476254	10.8169081	5.0530219	8.00E-07	3.13E-05	5.4920619
TRNP1	227862_PM_at	1.25735	0.3303863	0.000102	226851_PM_at	LYPLAL1	-0.41002151	9.9550549	-5.051955	8.04E-07	3.14E-05	5.487255
MEF2A	208328_PM_s_at	1.23932	0.3095487	0.000103	214271_PM_x_at	RPL12	0.1608352	12.3637152	5.0502996	8.11E-07	3.16E-05	5.4798008
PPP2R5E	203338_PM_at	1.22303	0.2904598	0.000103	229836_PM_s_at	---	-0.29829728	3.88791372	-5.04996	8.12E-07	3.16E-05	5.4782699
XRCC6BP1	227678_PM_at	-1.43959	0.525658	0.000103	229439_PM_s_at	RBM47	-0.41956307	5.08604976	-5.048741	8.17E-07	3.18E-05	5.4727836
WFDC2	203892_PM_at	1.35759	0.4410478	0.000103	220096_PM_at	---	-0.59805931	5.53462327	-5.048387	8.18E-07	3.18E-05	5.4711896
AP1G2	201613_PM_s_at	1.34089	0.4231909	0.000103	205463_PM_s_at	PDGFA	0.49842744	7.51987294	5.047816	8.20E-07	3.18E-05	5.4686198
CAPN6	202965_PM_s_at	1.62011	0.6960918	0.000104	233022_PM_at	TRPM3	-0.36682445	4.61103536	-5.047643	8.21E-07	3.18E-05	5.4678409
FAM49B	217534_PM_at	1.26874	0.3433965	0.000104	229383_PM_at	---	1.02574047	5.61371131	5.0470166	8.23E-07	3.19E-05	5.4650219
CNND3	201700_PM_at	1.39858	0.4839628	0.000104	209969_PM_s_at	STAT1	0.87833642	9.59852207	5.0456212	8.29E-07	3.21E-05	5.4587428
C20orf7	222894_PM_x_at	-1.32121	0.4018598	0.000104	201783_PM_s_at	RELA	0.33038973	8.72153693	5.0454081	8.30E-07	3.21E-05	5.4577839
REG1A	209752_PM_at	3.03579	1.602072	0.000105	38964_PM_r_at	WAS	0.61629829	7.04329369	5.0453416	8.30E-07	3.21E-05	5.4574847
IL2RB	205291_PM_at	1.68459	0.7523975	0.000105	217947_PM_at	CMTM6	0.31350366	9.92149569	5.0445436	8.33E-07	3.22E-05	5.4538948
CLEC5A	219890_PM_at	1.22417	0.2918039	0.000105	209311_PM_at	BCL2L2	-0.3035361	5.85351253	-5.043645	8.37E-07	3.23E-05	5.4498544
HGC6.3	211111_PM_at	-1.36852	0.4526165	0.000106	230069_PM_at	SFXN1	-0.5655438	8.34267133	-5.040758	8.48E-07	3.26E-05	5.4368712
FLNA	200859_PM_x_at	1.50644	0.5911432	0.000106	219161_PM_s_at	CKLF	0.56823935	8.35155296	5.0407531	8.48E-07	3.26E-05	5.4368478
STS	203767_PM_s_at	1.21168	0.2770087	0.000106	204988_PM_at	FGF	1.75809095	6.51569616	5.0406028	8.49E-07	3.26E-05	5.4361719
SLC2A4RG	218494_PM_s_at	-1.37274	0.4570584	0.000107	220516_PM_at	ZSCAN2	-0.25316521	4.03504908	-5.039735	8.53E-07	3.27E-05	5.4322726
CCT6B	206587_PM_at	-1.36958	0.4537335	0.000107	227738_PM_s_at	ARMCS	-0.45347442	5.65573649	-5.039568	8.53E-07	3.27E-05	5.4315199
EVX1	207914_PM_x_at	-1.24844	0.3201265	0.000108	209249_PM_s_at	GHITM	-0.3119222	11.2765342	-5.039386	8.54E-07	3.27E-05	5.4307004
ZEB2	203603_PM_s_at	1.36868	0.4527852	0.000108	208816_PM_x_at	ANXA2P2	0.65352202	10.2235717	5.0392706	8.55E-07	3.27E-05	5.4301833
ALPL	215783_PM_s_at	-1.32924	0.4106016	0.000108	202804_PM_at	ABCC1	0.4961396	7.78219903	5.0391298	8.55E-07	3.27E-05	5.4295508
B3GNT1	203188_PM_at	-1.21842	0.2850115	0.000108	222297_PM_x_at	---	0.3224989	11.1150829	5.0374978	8.62E-07	3.29E-05	5.4222163
PRSS3	213421_PM_x_at	-1.52475	0.6085727	0.000108	214938_PM_x_at	HMGB1	0.15946066	12.0414353	5.0373967	8.62E-07	3.29E-05	5.4217621
SNX12	224684_PM_at	-1.21878	0.2854377	0.000109	209723_PM_at	SERPINB9	0.77119469	7.26686355	5.0373657	8.62E-07	3.29E-05	5.4216226
GHITM	209248_PM_at	-1.22556	0.2934411	0.00011	200687_PM_s_at	SF3B3	0.28863011	8.64370442	5.0369206	8.64E-07	3.29E-05	5.4196228

BCL2	203684_PM_s_at	-1.22702	0.2951588	0.000135	235727_PM_at	KLHL28	0.53438483	5.86585006	4.9786424	1.14E-06	4.06E-05	5.1590278
KIAA1958	228349_PM_at	-1.32188	0.4025912	0.000136	231710_PM_at	CAPS	-0.51466342	4.88445172	-4.978381	1.14E-06	4.07E-05	5.1578631
SAT2	225272_PM_at	-1.31613	0.396302	0.000136	1569905_PM_at	HSD11B1L	-0.40741901	5.64410777	-4.977978	1.14E-06	4.07E-05	5.1560709
JTPRIP	225582_PM_at	1.26259	0.3363862	0.000136	219246_PM_s_at	OGFOD2	-0.39720261	5.77923666	-4.974495	1.16E-06	4.13E-05	5.1405793
AQP11	229526_PM_at	-1.57835	0.6584172	0.000138	231716_PM_at	RC3H2	0.50233258	7.71548534	4.9737444	1.17E-06	4.14E-05	5.1372404
LOC100287426	1556147_PM_at	-1.20076	0.2639478	0.000138	208374_PM_s_at	CAPZA1	0.27341639	10.1284444	4.9735829	1.17E-06	4.14E-05	5.1365223
LOC3885588	230840_PM_at	-1.5056	0.5903385	0.000138	204319_PM_s_at	RGS10	0.6995304	8.09224266	4.9735686	1.17E-06	4.14E-05	5.1364584
BHLHE41	221530_PM_s_at	1.26947	0.3442263	0.000139	240176_PM_at	---	0.48994014	4.15222392	4.9734904	1.17E-06	4.14E-05	5.1361107
HECA	218603_PM_at	1.27166	0.346713	0.000139	230763_PM_at	SPATA17	-0.84981133	6.13674721	-4.972719	1.17E-06	4.15E-05	5.1326794
TIFA	226117_PM_at	1.25185	0.3240617	0.000139	240661_PM_at	LOC284475	-0.65923477	5.30815393	-4.972411	1.17E-06	4.15E-05	5.1313133
LY9	210370_PM_s_at	1.36605	0.4500103	0.000139	1554182_PM_at	TRIM73 /// TRIM74	0.34843778	3.65904696	4.9717765	1.18E-06	4.16E-05	5.1284915
CSAR1	220088_PM_at	1.32784	0.4090813	0.000139	213956_PM_at	CEP350	0.57854835	5.25337425	4.9714339	1.18E-06	4.16E-05	5.1269686
KIAA0125	206478_PM_at	1.39335	0.4785577	0.00014	202790_PM_at	CLDN7	0.65152418	8.24752751	4.9709668	1.18E-06	4.17E-05	5.1248926
CRADD	209833_PM_at	-1.31305	0.3929219	0.00014	204620_PM_s_at	VCAN	1.41340319	7.67432826	4.9704789	1.18E-06	4.17E-05	5.1227243
HS6ST2	230030_PM_at	-1.80972	0.8557665	0.00014	217931_PM_at	CNPY3	0.43216261	6.69396062	4.967795	1.20E-06	4.22E-05	5.1107998
HNRNPUL1	208713_PM_at	1.26754	0.3420313	0.00014	222067_PM_x_at	HIST1H2BD	-0.60292402	7.9927413	-4.967015	1.20E-06	4.23E-05	5.1073347
FCGR1B	214511_PM_x_at	1.82502	0.8679123	0.00014	219527_PM_at	MOSC2	-0.76036122	9.34818437	-4.965693	1.21E-06	4.26E-05	5.1014639
GABBR1	203146_PM_s_at	1.58018	0.6600889	0.00014	214939_PM_x_at	MLLT4	-0.31611445	4.32340126	-4.964159	1.22E-06	4.28E-05	5.0946548
CRTAM	206914_PM_at	1.52125	0.6052573	0.00014	208729_PM_x_at	HLA-B	0.56568033	11.5796712	4.9621924	1.23E-06	4.32E-05	5.0859242
PTGR1	228824_PM_s_at	-1.33844	0.4205525	0.000141	225530_PM_at	MOBK12A	0.41712075	7.36524166	4.9615729	1.24E-06	4.33E-05	5.0831755
C2CD4C	230819_PM_at	-1.21969	0.2865145	0.000141	228013_PM_at	PPP2R2A	-0.29869581	7.34273827	-4.960783	1.24E-06	4.34E-05	5.0796695
ALDH5A1	203608_PM_at	-1.4292	0.5152078	0.000142	206242_PM_at	TM4SF5	-0.77434971	6.73501948	-4.960462	1.24E-06	4.34E-05	5.0782481
SUSD2	227480_PM_at	-1.51355	0.5979363	0.000142	225973_PM_at	TAP2	0.88079299	6.85158655	4.9595337	1.25E-06	4.35E-05	5.074128
PMAIP1	204285_PM_s_at	1.33628	0.4182223	0.000143	214806_PM_at	BICD1	0.43555763	4.40554217	4.9592283	1.25E-06	4.35E-05	5.0727734
CYAT1 /// IGLV1-44	215121_PM_x_at	2.14955	1.1040347	0.000144	226801_PM_s_at	AIDA	0.22783632	10.6120405	4.9592133	1.25E-06	4.35E-05	5.072077
FLJ35934	1557895_PM_at	1.24487	0.3159951	0.000144	229121_PM_at	CMKLR1	0.71603315	5.34128629	4.959096	1.25E-06	4.35E-05	5.0721865
FAM60A	220147_PM_s_at	1.23262	0.3017281	0.000144	230994_PM_at	FAM181B	-0.31619815	3.92169647	-4.957592	1.26E-06	4.38E-05	5.0655153
LOC100287621	243569_PM_at	-1.2134	0.2790552	0.000144	202930_PM_s_at	SUCLA2	-0.31362357	9.85083093	-4.956686	1.26E-06	4.39E-05	5.0615008
SELPLG	209879_PM_at	1.34596	0.4286355	0.000144	214380_PM_at	PRPF31	-0.46674218	5.04285644	-4.956686	1.26E-06	4.39E-05	5.0614968
MSH3	205887_PM_x_at	-1.36774	0.451794	0.000144	231411_PM_at	LHFP	0.80990947	6.63817004	4.9561287	1.27E-06	4.40E-05	5.0590282
TIGD5	229758_PM_at	-1.27201	0.34711	0.000144	236933_PM_at	EVPLL /// LOC100132977	-0.25704783	4.08358756	-4.954965	1.27E-06	4.42E-05	5.0538701
GPD1	204997_PM_at	-1.35021	0.4331838	0.000144	226307_PM_at	CRTC2	0.51123076	6.45915104	4.9545032	1.28E-06	4.42E-05	5.0518227
HIBCH	203711_PM_s_at	-1.44371	0.529781	0.000144	234987_PM_at	---	0.97576863	7.91138158	4.9544228	1.28E-06	4.42E-05	5.0514666
DPP4	203716_PM_s_at	-1.67197	0.741549	0.000145	1557477_PM_at	---	0.31353946	3.71588465	4.9524735	1.29E-06	4.45E-05	5.0428283
SFXN2	227560_PM_at	-1.6002	0.6782522	0.000145	201641_PM_at	BST2	1.01582444	7.32180061	4.9524593	1.29E-06	4.45E-05	5.0427654
RELB	205205_PM_at	1.28681	0.3637991	0.000145	209970_PM_x_at	CASP1	0.75770738	7.98987285	4.952421	1.29E-06	4.45E-05	5.0425958
GPR89A /// GPR89B /// GPR89C	222140_PM_s_at	-1.4137	0.499476	0.000146	244654_PM_at	MYO1G	0.70209943	4.36624343	4.952019	1.29E-06	4.45E-05	5.0408146
CKAP4	200998_PM_s_at	1.2509	0.3229665	0.000146	201798_PM_s_at	MYOF	0.71212177	8.56154981	4.9518681	1.29E-06	4.45E-05	5.0401462
STOX2	226822_PM_at	1.39961	0.4850249	0.000147	207425_PM_s_at	---	0.48534045	6.79858373	4.9511497	1.30E-06	4.46E-05	5.0369637
KRT80	231849_PM_at	1.4324	0.5184344	0.000148	225428_PM_s_at	DDX54	-0.45479244	4.96102225	-4.951032	1.30E-06	4.46E-05	5.0364437
REEP2	205331_PM_s_at	-1.22999	0.2986466	0.000149	230093_PM_at	RSPH1	0.74182251	6.29857927	4.9509978	1.30E-06	4.46E-05	5.0362908
IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGH4 /// IGH5 /// IGH6	214916_PM_x_at	2.5445	1.3473822	0.000149	230823_PM_at	RGS3	0.46679971	8.64984146	4.9508059	1.30E-06	4.46E-05	5.0354409
SCML4	1556471_PM_at	1.39921	0.4846125	0.00015	219092_PM_s_at	IPPK	-0.24985731	5.61256431	-4.950663	1.30E-06	4.46E-05	5.0348096
CCL4	204103_PM_at	2.44744	1.2912735	0.00015	211966_PM_at	COL4A2	0.72331653	7.61935529	4.9498386	1.31E-06	4.47E-05	5.0311566
TNFRSF10A	231775_PM_at	1.26285	0.3366833	0.00015	218368_PM_s_at	TNFRSF12A	0.65400454	7.27976523	4.9494359	1.31E-06	4.48E-05	5.0293731
DOCK6	221794_PM_at	1.338	0.4200781	0.000153	1555037_PM_a_at	IDH1	-0.55804302	10.3237588	-4.948965	1.31E-06	4.48E-05	5.0272889
ZNF266	214686_PM_at	1.34907	0.4319652	0.000153	228708_PM_at	RAB27B	0.71970529	4.82013528	4.9487628	1.31E-06	4.48E-05	5.0263925
SSR4	201004_PM_at	1.21308	0.2786747	0.000154	210427_PM_x_at	ANXA2	0.54206839	11.415123	4.9482735	1.32E-06	4.49E-05	5.0242261
SEMA4B	234725_PM_s_at	1.33562	0.4175096	0.000155	223303_PM_at	FERMT3	0.74315316	5.18465991	4.9479464	1.32E-06	4.49E-05	5.0227779
MCM5	201755_PM_at	1.27788	0.3537524	0.000155	204781_PM_s_at	FAS	0.55671545	7.027511	4.947783	1.32E-06	4.49E-05	5.0220545
EMILIN2	224374_PM_s_at	1.24863	0.320346	0.000155	226367_PM_at	KDM5A	0.27699331	3.84649519	4.9471944	1.32E-06	4.50E-05	5.0194486
MYLK	202555_PM_s_at	1.27971	0.3558169	0.000155	222838_PM_at	SLAMF7	1.22561033	5.30828778	4.9463456	1.33E-06	4.51E-05	5.0156917
GRHR	201347_PM_x_at	-1.28803	0.3651662	0.000155	240069_PM_at	---	-0.68034197	5.68119017	-4.945522	1.33E-06	4.53E-05	5.0120466
C12orf64	1553746_PM_a_at	-2.01929	1.0138481	0.000156	207025_PM_at	GC12	-0.39324321	4.80800621	-4.944208	1.34E-06	4.54E-05	5.0062321
REG3A	234280_PM_at	-1.25926	0.3325762	0.000156	227140_PM_at	---	1.11715254	5.71316876	4.9440789	1.34E-06	4.54E-05	5.0056607
CH25H	206932_PM_at	1.66365	0.734352	0.000156	231384_PM_at	GRIN2A	0.61997165	3.84639264	4.9439641	1.34E-06	4.54E-05	5.0051528
LIN7A	206440_PM_at	-1.25795	0.3310746	0.000156	221240_PM_s_at	B3GNT4	-0.46306168	5.55018972	-4.94385	1.34E-06	4.54E-05	5.0046501
CCDC90A	220094_PM_s_at	-1.35116	0.4341985	0.000156	222529_PM_at	SLC25A37	0.67930376	6.61161851	4.9434796	1.35E-06	4.55E-05	5.0030096
PECI	218025_PM_s_at	-1.43907	0.5251368	0.000157	201035_PM_s_at	HADH	-0.66149948	9.55636135	-4.943168	1.35E-06	4.55E-05	5.0016325
PROZ	208034_PM_s_at	-1.80974	0.8557824	0.000158	1552611_PM_a_at	JAK1	0.56087805	9.20968731	4.9429025	1.35E-06	4.55E-05	5.0004566
POFUT2	207448_PM_at	-1.20889	0.273683	0.000159	209435_PM_s_at	ARHGEF2	0.4701916	7.71707283	4.9428278	1.35E-06	4.55E-05	5.0001259
FCGR3B	204007_PM_at	1.55481	0.6367383	0.000159	204304_PM_s_at	PROM1	1.144996	9.38534761	4.9419944	1.36E-06	4.56E-05	4.9964398
CTSS	202901_PM_x_at	2.02478	1.0177652	0.000159	210990_PM_s_at	LAMA4	-0.22465225	3.94666581	-4.941946	1.36E-06	4.56E-05	4.996224
KLF11	218486_PM_at	1.31408	0.3940531	0.000159	217054_PM_at	---	-0.49558957	4.50625036	-4.9398	1.37E-06	4.60E-05	4.986736
ETS2	201328_PM_at	1.22821	0.2965573	0.00016	232535_PM_at	---	0.41545793	3.61678843	4.9396224	1.37E-06	4.60E-05	4.9859505

EFEMP1	201842_PM_s_at	1.3686	0.4527009	0.00016	215346_PM_at	CD40	0.62577709	6.15682094	4.9394059	1.37E-06	4.60E-05	4.9849934
STK17B	205214_PM_at	1.29178	0.3693604	0.00016	46665_PM_at	SEMA4C	0.49857134	7.10612314	4.9384081	1.38E-06	4.62E-05	4.9805826
RPL37A	213459_PM_at	1.47494	0.5606563	0.00016	217167_PM_x_at	GK	-0.87914175	7.39695042	-4.937638	1.38E-06	4.63E-05	4.9771795
LOC100288442 /// LOC339047 /// LOC399491	214035_PM_x_at	1.30327	0.382136	0.000161	202422_PM_s_at	ACSL4	0.46803111	9.19569512	4.9371603	1.39E-06	4.64E-05	4.9750676
ANXA1	201012_PM_at	1.43038	0.5163985	0.000161	203620_PM_s_at	FCHSD2	0.44182538	7.26634502	4.9368586	1.39E-06	4.64E-05	4.9737342
CACNB2	207776_PM_s_at	-1.24346	0.3143601	0.000161	204787_PM_at	VSIG4	1.068244	7.54247153	4.9367528	1.39E-06	4.64E-05	4.973267
CF1	200021_PM_at	1.20279	0.2663848	0.000162	37145_PM_at	GNLY	1.03159641	5.02733455	4.9364141	1.39E-06	4.64E-05	4.9717703
ACSL4	1557418_PM_at	1.50161	0.5865102	0.000162	241869_PM_at	APOL6	0.77193684	4.14121863	4.9362223	1.39E-06	4.64E-05	4.9709228
CD24	208650_PM_s_at	1.32306	0.4038785	0.000163	212084_PM_at	TEX261	-0.36923171	5.25204527	-4.935422	1.40E-06	4.66E-05	4.9673868
DUSP5	209457_PM_at	1.54175	0.6245688	0.000163	222593_PM_s_at	SPATS2	0.43323241	7.9821768	4.9348375	1.40E-06	4.66E-05	4.9648046
ACOT11	214763_PM_at	-1.2593	0.332622	0.000163	218720_PM_x_at	SEZ6L2	0.5133924	4.96592144	4.9344854	1.40E-06	4.67E-05	4.963249
STAMBPL1	227606_PM_s_at	1.32878	0.4101023	0.000164	204236_PM_at	FLI1	0.77050786	5.69713903	4.9334336	1.41E-06	4.69E-05	4.9586036
RAB34	224710_PM_at	1.28128	0.3575858	0.000165	202048_PM_s_at	CBX6	0.41689603	8.72785445	4.9322579	1.42E-06	4.71E-05	4.9534114
LOC100216545	238473_PM_at	-1.20489	0.2689014	0.000165	208991_PM_at	STAT3	0.34197607	10.0254127	4.9316176	1.42E-06	4.72E-05	4.9505844
KCIBD8	239835_PM_at	1.24917	0.3209698	0.000166	231849_PM_at	KRT80	0.46042799	4.03077843	4.9308637	1.43E-06	4.73E-05	4.9472557
ETV6	205585_PM_at	1.27188	0.3469626	0.000166	241427_PM_x_at	---	-0.64489436	5.65202133	-4.930836	1.43E-06	4.73E-05	4.9471342
GPR18	210279_PM_at	1.60959	0.6866932	0.000167	223088_PM_x_at	ECHDC1	-0.38834299	9.05322662	-4.9301	1.43E-06	4.74E-05	4.9438843
LOC148709	1558577_PM_at	-1.22864	0.2970623	0.000167	237334_PM_at	---	-0.7047368	5.27261892	-4.928803	1.44E-06	4.76E-05	4.9381611
LOC100289641	231046_PM_at	-1.38305	0.4678533	0.000167	210832_PM_x_at	PTGER3	-0.80847586	7.77068902	-4.928687	1.44E-06	4.76E-05	4.9376484
GC5H /// LOC100329108	213129_PM_s_at	-1.30468	0.383696	0.000167	203927_PM_at	NFKBIE	0.49189317	6.22133076	4.9286281	1.44E-06	4.76E-05	4.9373886
CNPY3	217931_PM_at	1.29541	0.3734088	0.000167	238480_PM_at	TTC39C	0.69587791	5.00019281	4.927896	1.45E-06	4.77E-05	4.9341579
LOC727930	237117_PM_at	-1.31394	0.3938994	0.000168	1558719_PM_s_at	RPAIN	0.44720083	3.70765233	4.9273443	1.45E-06	4.78E-05	4.9317238
KCNIP4	224530_PM_s_at	1.44659	0.5326561	0.000169	204702_PM_s_at	NFE2L3	0.58251672	4.66616306	4.926478	1.46E-06	4.80E-05	4.9279017
IQSEC3	213834_PM_at	-1.22425	0.2918982	0.000169	238160_PM_at	ACOT12	-0.51317592	4.08969607	-4.925958	1.46E-06	4.80E-05	4.9256077
CLDN8	214598_PM_at	-1.4961	0.5812066	0.00017	238430_PM_x_at	SLFN5	0.70284718	8.07278255	4.9240216	1.47E-06	4.84E-05	4.917068
ESPL1	204817_PM_at	-1.7324	0.7927721	0.000171	229982_PM_at	QSER1	0.59188463	4.21686289	4.9238328	1.48E-06	4.84E-05	4.9162358
MRC2	209280_PM_at	-1.38587	0.4707919	0.000172	241799_PM_x_at	---	-0.63787404	5.87777892	-4.923643	1.48E-06	4.84E-05	4.9154006
APCDD1	225016_PM_at	1.83651	0.8769668	0.000172	213003_PM_s_at	CEBPD	0.39134201	4.7519361	4.9228868	1.48E-06	4.85E-05	4.912065
LOC80054	220465_PM_at	-1.32438	0.4053171	0.000172	216680_PM_s_at	EPHB4	-0.51065354	6.17023915	-4.92276	1.48E-06	4.85E-05	4.9115062
C11orf66	235402_PM_at	-1.32898	0.4103194	0.000172	223343_PM_at	MSAA7	0.9855854	8.42149756	4.9218135	1.49E-06	4.87E-05	4.9073335
ATP6V1G3	230565_PM_at	-1.77982	0.8317313	0.000172	217979_PM_at	TSPAN13	0.55465914	9.02883506	4.9214174	1.49E-06	4.88E-05	4.9055875
HLA-G	210514_PM_x_at	1.30829	0.3876824	0.000172	1563494_PM_at	---	0.24949863	3.60545785	4.9212302	1.49E-06	4.88E-05	4.9047624
RASGEF1A	230563_PM_at	1.40889	0.494559	0.000172	218130_PM_at	C17orf62	0.39614592	8.45966584	4.9202645	1.50E-06	4.89E-05	4.9005063
DNAJC3	208499_PM_s_at	1.58767	0.6669111	0.000172	210513_PM_s_at	VEGFA	-0.74564407	6.30874564	-4.920101	1.50E-06	4.89E-05	4.8997861
COX7B	202110_PM_at	-1.23188	0.3008617	0.000173	228276_PM_at	SAMD1	-0.37130924	4.17119354	-4.919137	1.51E-06	4.91E-05	4.895539
BTD	204167_PM_at	-1.40299	0.4885047	0.000173	225358_PM_at	DNAJC19	-0.4532496	8.43350037	-4.918165	1.52E-06	4.93E-05	4.8912565
SYT13	221859_PM_at	1.26719	0.3416329	0.000173	211225_PM_at	FUT5	-0.3041382	4.41383399	-4.918092	1.52E-06	4.93E-05	4.8909329
ORAI2	217529_PM_at	1.30795	0.3873074	0.000173	229934_PM_at	---	0.75887222	4.76233575	4.9169786	1.52E-06	4.95E-05	4.8860304
BCCIP	218264_PM_at	-1.29372	0.3715254	0.000174	212463_PM_at	CD59	0.29888959	10.4953154	4.9167989	1.53E-06	4.95E-05	4.8852391
BTBD11	228570_PM_at	-1.22315	0.2906013	0.000174	244566_PM_at	---	-0.52728226	5.3885272	-4.916564	1.53E-06	4.95E-05	4.8842047
RASL10B	235488_PM_at	-1.27756	0.353391	0.000175	218440_PM_at	MCCC1	-0.36520493	9.69948204	-4.916415	1.53E-06	4.95E-05	4.8835465
KRT18	201596_PM_x_at	1.44239	0.5284613	0.000175	217487_PM_x_at	FOLH1	-1.06872136	6.56836584	-4.915565	1.53E-06	4.96E-05	4.8798057
LIN52	228583_PM_at	-1.37223	0.4565223	0.000175	206179_PM_s_at	TPPP	-0.41112069	4.6767272	-4.914404	1.54E-06	4.99E-05	4.8746944
UFSP1	240280_PM_at	-1.23604	0.3057254	0.000177	244702_PM_at	---	0.33499929	4.02818169	4.9139891	1.55E-06	4.99E-05	4.8728674
ARMCS	227738_PM_s_at	-1.31174	0.3914818	0.000178	1552713_PM_a_at	SLC4A1	-0.74576613	4.79432234	-4.913701	1.55E-06	4.99E-05	4.8715986
S100A9	203535_PM_at	1.54746	0.6299021	0.000179	209979_PM_at	ADARB1	-0.53827333	4.94475247	-4.913008	1.55E-06	5.01E-05	4.8685505
MUT	202959_PM_at	-1.23853	0.3086288	0.000179	222549_PM_at	CLDN1	0.96278378	7.60550322	4.9112844	1.57E-06	5.04E-05	4.8609635
C2orf47	219176_PM_at	-1.25984	0.3332405	0.000179	200957_PM_s_at	SSRP1	0.26492174	8.27709637	4.9082019	1.59E-06	5.11E-05	4.8474041
KIF21B	204411_PM_at	1.2807	0.3569326	0.000179	227223_PM_at	---	0.77769972	6.64985767	4.9076453	1.59E-06	5.12E-05	4.8449566
DDB2	203409_PM_at	1.29758	0.3758235	0.00018	224710_PM_at	RAB34	0.34738281	9.0317339	4.9072473	1.60E-06	5.12E-05	4.8432063
TAPBP1	218746_PM_at	1.26751	0.3419971	0.000181	208653_PM_s_at	CD164	-0.56579035	8.29222916	-4.90684	1.60E-06	5.13E-05	4.8414172
CD27	206150_PM_at	1.64479	0.7179034	0.000181	226769_PM_at	FIBIN	0.55520755	8.82967804	4.9061862	1.60E-06	5.14E-05	4.8385412
AFMID	240318_PM_at	-1.33867	0.4208004	0.000181	238404_PM_x_at	SEZ6L2	-0.61505201	5.06726624	-4.905877	1.61E-06	5.14E-05	4.83718
FUT4	209892_PM_at	1.3227	0.4034859	0.000181	238949_PM_at	RNF145	0.53083858	7.81917169	4.905787	1.61E-06	5.14E-05	4.8367861
COL4A1	211980_PM_at	1.45897	0.5449502	0.000181	1563209_PM_a_at	MACROD2	0.48371845	4.77377844	4.9047903	1.61E-06	5.16E-05	4.8324052
RTN1	203485_PM_at	1.40926	0.4949378	0.000182	219777_PM_at	GIMAP6	0.54378306	8.32861524	4.9045977	1.62E-06	5.16E-05	4.8315588
FAM22F /// FAM22G	234414_PM_at	-1.37975	0.4644069	0.000182	215806_PM_x_at	TARP /// TRGC2	0.92452824	5.64488363	4.903668	1.62E-06	5.18E-05	4.827473
KLF15	221302_PM_at	-1.24747	0.3190051	0.000182	205599_PM_at	TRAF1	0.56839734	5.10672813	4.9028577	1.63E-06	5.19E-05	4.8239124
PLEKHA5	220952_PM_s_at	-1.44139	0.5274607	0.000185	201809_PM_s_at	ENG	0.49108075	8.6997155	4.9027462	1.63E-06	5.19E-05	4.8234225
S100A13	202598_PM_at	1.28812	0.365267	0.000185	202970_PM_at	DYRK2	0.41509878	5.60243056	4.902736	1.63E-06	5.19E-05	4.8233777
HVCN1	226879_PM_at	1.30262	0.3814163	0.000185	213416_PM_at	ITGA4	1.00162692	5.52555526	4.9022678	1.63E-06	5.20E-05	4.8213209
LOC100288442 /// LOC339047 /// NP1P	214870_PM_x_at	1.30175	0.3804524	0.000186	237374_PM_s_at	OSBP15	-0.42093081	5.34317159	-4.901296	1.64E-06	5.21E-05	4.81705
AMT	204294_PM_at	-1.23886	0.3090132	0.000186	227587_PM_at	KRI1	0.3759158	6.46986356	4.9005562	1.65E-06	5.23E-05	4.8138024
SNTA1	203516_PM_at	-1.39049	0.4755934	0.000186	224909_PM_s_at	PREX1	0.67308704	5.43017401	4.900068	1.65E-06	5.23E-05	4.8116581
MTL5	219786_PM_at	-1.20494	0.2689613	0.000186	226704_PM_at	UBE2J2	-0.55470236	5.43265137	-4.899872	1.65E-06	5.23E-05	4.8107968

CLDN6	208474_PM_at	-1.38293	0.4677281	0.000225	204385_PM_at	KYNU	-0.76450542	7.14131059	-4.845811	2.12E-06	6.37E-05	4.5744829
HMGCL	202772_PM_at	-1.27636	0.3520353	0.000225	204820_PM_s_at	BTN3A2 /// BTN3A3	0.53924758	9.99779396	4.8455984	2.13E-06	6.37E-05	4.5735557
KRT19	201650_PM_at	1.55043	0.6326684	0.000225	201012_PM_at	ANXA1	0.7188559	9.57675901	4.8454359	2.13E-06	6.37E-05	4.5728487
C14orf167	224153_PM_s_at	-1.22196	0.2891971	0.000227	230466_PM_s_at	---	0.6020837	4.50037216	4.845205	2.13E-06	6.38E-05	4.5718443
IFI30	201422_PM_at	1.26588	0.3401406	0.000229	232438_PM_at	EPS15L1	-0.54369515	5.46867686	-4.84485	2.13E-06	6.38E-05	4.5703002
CD40	205153_PM_s_at	1.28399	0.360634	0.000229	232615_PM_at	---	0.69939375	8.91625942	4.8445186	2.14E-06	6.39E-05	4.5688582
KYNU	204385_PM_at	-1.8178	0.8621935	0.000229	236845_PM_at	TRIM62	-0.47454504	4.33582334	-4.843513	2.15E-06	6.41E-05	4.5644851
SP4	236265_PM_at	1.21573	0.2818229	0.000229	225687_PM_at	FAM83D	-0.8751934	6.00586853	-4.842439	2.16E-06	6.44E-05	4.5598115
HDAC10	226672_PM_s_at	-1.21245	0.2779253	0.000229	230938_PM_x_at	ATF5	-0.40979079	5.19385687	-4.840352	2.18E-06	6.50E-05	4.5507382
VEPH1	229759_PM_s_at	-1.62722	0.7024093	0.000229	206567_PM_s_at	PHF20	0.34667021	7.39730758	4.8397343	2.18E-06	6.51E-05	4.5480547
EFHC2	220591_PM_s_at	1.42302	0.5089559	0.000229	222162_PM_s_at	ADAMTS1	0.71630171	8.41758568	4.8390345	2.19E-06	6.52E-05	4.5450131
WDR72	227174_PM_at	-1.41197	0.4977094	0.00023	206817_PM_x_at	CELF3	-0.27463194	4.48927873	-4.83877	2.19E-06	6.52E-05	4.543865
COL15A1	203477_PM_at	1.73971	0.7988468	0.000231	212671_PM_s_at	HLA-DQA1 /// HLA-DQA2	1.11667744	9.91291252	4.8386869	2.20E-06	6.52E-05	4.5435027
PNMT	206793_PM_at	-1.25644	0.3293418	0.000231	209280_PM_at	MRC2	-0.47379026	5.2183855	-4.838017	2.20E-06	6.54E-05	4.5405896
SPPLC1	202277_PM_at	-1.64623	0.7191659	0.000231	239996_PM_x_at	ATP2A2	-0.52199443	5.31033453	-4.837837	2.20E-06	6.54E-05	4.539809
ABI2	207268_PM_x_at	-1.20239	0.2659049	0.000231	1568735_PM_at	---	0.5665693	3.74067829	4.8364764	2.22E-06	6.57E-05	4.5338985
LY6E	202145_PM_at	1.36231	0.446055	0.000232	227742_PM_at	CLIC6	0.84887658	5.00360527	4.8362854	2.22E-06	6.57E-05	4.5330687
GYPC	202947_PM_s_at	1.30522	0.384293	0.000233	239422_PM_at	GPC2	-0.37267011	4.37827648	-4.836249	2.22E-06	6.57E-05	4.5329098
ADCY7	203741_PM_s_at	1.28163	0.3579798	0.000234	230257_PM_s_at	TSEN15	-0.36761479	8.01565038	-4.836026	2.22E-06	6.57E-05	4.5319402
LASS5	224951_PM_at	1.23964	0.3099212	0.000234	230003_PM_at	---	-0.68555808	8.18756891	-4.835906	2.22E-06	6.57E-05	4.531421
CDK14	211502_PM_s_at	-1.22366	0.2912028	0.000235	229801_PM_at	C10orf47	0.68670722	6.70056918	4.8355327	2.23E-06	6.58E-05	4.5297991
PLA2G4C	209785_PM_s_at	1.23164	0.3005806	0.000236	204619_PM_s_at	VCAN	1.29566004	7.54054124	4.8353686	2.23E-06	6.58E-05	4.5290864
TMEM87B	225411_PM_at	1.33128	0.412814	0.000236	231046_PM_at	LOC100289641	-0.50439007	5.28719093	-4.833289	2.25E-06	6.64E-05	4.520058
CLIC6	227742_PM_at	1.34131	0.4236427	0.000236	204889_PM_s_at	NEURL	-0.25949081	4.47613864	-4.831858	2.27E-06	6.67E-05	4.5138437
STOML2	215416_PM_s_at	-1.20004	0.2630825	0.000237	206753_PM_at	RDH16	-0.25100063	4.34456179	-4.831789	2.27E-06	6.67E-05	4.5135432
BAIAP2L2	228876_PM_at	-1.34131	0.4236427	0.000238	216345_PM_at	KIAA0913	-0.4138304	4.60524205	-4.831768	2.27E-06	6.67E-05	4.5134544
FCRLB	238452_PM_at	-1.42809	0.5140869	0.000238	243372_PM_at	HSPD1	-0.46098127	4.70398295	-4.831438	2.27E-06	6.67E-05	4.5120192
SP140	207777_PM_s_at	1.39634	0.4816503	0.000238	212504_PM_at	DIP2C	-0.45818422	8.60527198	-4.831256	2.27E-06	6.67E-05	4.5112314
TM7SF2	210130_PM_s_at	-1.31729	0.397573	0.000241	229543_PM_at	---	1.09041725	4.75477293	4.8310263	2.27E-06	6.67E-05	4.5102343
CCDC150	232398_PM_at	-1.42348	0.5094222	0.000241	206840_PM_at	AFM	-1.55313967	7.2062395	-4.828917	2.30E-06	6.73E-05	4.5010822
TARP	209813_PM_x_at	1.62228	0.6980228	0.000243	1554582_PM_a_at	C12orf72	-0.45791222	5.05739236	-4.828626	2.30E-06	6.73E-05	4.4998194
TIMP3	201147_PM_s_at	1.4117	0.4974335	0.000243	206315_PM_at	CRLF1	0.36143726	3.91180488	4.828626	2.30E-06	6.73E-05	4.4998193
ECSER	227780_PM_s_at	1.45521	0.5412274	0.000243	204959_PM_at	MNDA	1.03275095	6.34085244	4.82849	2.30E-06	6.73E-05	4.4992294
DEPDC6	218858_PM_at	1.25786	0.3309714	0.000243	229937_PM_x_at	LILRB1	1.08578184	5.46387728	4.8274806	2.31E-06	6.75E-05	4.4948508
CXCL11	210163_PM_at	2.88158	1.5268601	0.000244	243297_PM_at	---	-0.56526253	5.22594569	-4.82747	2.31E-06	6.75E-05	4.4948057
TGFB11	209651_PM_at	1.39522	0.4804926	0.000244	235731_PM_at	AIP1L	-0.25395444	4.38234436	-4.82741	2.31E-06	6.75E-05	4.4945457
RNASET2	217983_PM_s_at	1.35905	0.4425985	0.000246	212231_PM_at	FBXO21	-0.36796823	9.65909315	-4.826242	2.33E-06	6.78E-05	4.4894796
RAPGEF5	204680_PM_s_at	1.2944	0.3722835	0.000247	209752_PM_at	REG1A	1.62447246	5.47950895	4.8258741	2.33E-06	6.79E-05	4.4878839
FASTKDS	219016_PM_at	-1.28732	0.3643707	0.000247	241843_PM_at	SNORA28	0.3523329	3.96007745	4.8248203	2.34E-06	6.81E-05	4.483315
CCL19	210072_PM_at	2.58495	1.3701364	0.000248	217536_PM_x_at	---	0.45216315	4.60630059	4.8248063	2.34E-06	6.81E-05	4.4832542
ARSF	214490_PM_at	-1.50712	0.5917943	0.00025	204131_PM_s_at	FOXO3	0.39296259	8.59619434	4.8244812	2.34E-06	6.81E-05	4.4818449
FAM125A	227864_PM_s_at	1.21322	0.2788412	0.000251	226084_PM_at	MAP1B	0.75058492	6.89653021	4.8227831	2.36E-06	6.86E-05	4.4744848
PNPLA3	220675_PM_s_at	-1.62818	0.7032602	0.000251	215660_PM_s_at	MAST2	-0.27406794	4.07211923	-4.822182	2.37E-06	6.87E-05	4.4718813
HSF4	210977_PM_s_at	-1.2816	0.3579461	0.000251	210260_PM_s_at	TNFAIP8	0.61935705	8.33328696	4.8219997	2.37E-06	6.87E-05	4.4710899
SURF4	222977_PM_at	-1.26943	0.3441808	0.000251	221794_PM_at	DOCK6	0.40847367	5.81028606	4.8219182	2.37E-06	6.87E-05	4.4707367
AMDHD1	229596_PM_at	-1.6455	0.718526	0.000254	234970_PM_at	TC2N	0.57098444	4.90805968	4.8216909	2.37E-06	6.88E-05	4.4697521
PLA2G4A	210145_PM_at	1.4847	0.5701714	0.000254	232344_PM_s_at	MS4A7	0.98831736	7.4202673	4.8208172	2.38E-06	6.90E-05	4.4659665
RLF	204243_PM_at	1.22647	0.2945119	0.000254	230889_PM_at	---	-0.61925738	5.31992252	-4.819703	2.40E-06	6.93E-05	4.4611389
SNX20	228869_PM_at	1.27767	0.3535153	0.000254	203276_PM_at	LMNB1	0.55933955	3.8552518	4.8192075	2.40E-06	6.94E-05	4.458994
XYLB	208318_PM_s_at	-1.21688	0.2831869	0.000254	238668_PM_at	---	0.95570141	4.90609219	4.8190566	2.40E-06	6.94E-05	4.4583403
PEA15	200787_PM_s_at	1.26333	0.3372315	0.000255	234846_PM_at	DKFZp761P0212	-0.44421963	4.49350809	-4.817412	2.42E-06	6.99E-05	4.45122
TBC1D10C	228258_PM_at	1.5601	0.6416385	0.000257	229502_PM_at	CHDH	-0.41806901	4.35514383	-4.814479	2.45E-06	7.08E-05	4.4385212
MAN2B1	209166_PM_s_at	1.31294	0.392801	0.000257	201309_PM_x_at	C5orf13	-0.82558435	6.84006278	-4.81415	2.46E-06	7.08E-05	4.4370986
BPHL	205750_PM_at	-1.45524	0.5412571	0.000258	242564_PM_at	---	0.31334745	4.09773492	4.813958	2.46E-06	7.08E-05	4.4362686
ZCCHC6	220933_PM_s_at	1.3097	0.3892364	0.000258	200887_PM_s_at	STAT1	0.61233551	10.496976	4.8131833	2.47E-06	7.10E-05	4.4329165
SELP	206049_PM_at	1.52502	0.6088282	0.000259	236407_PM_at	KCNE1	-0.89626944	5.30470956	-4.812826	2.47E-06	7.11E-05	4.4313701
ZNF713	1560201_PM_at	1.32277	0.4035622	0.000259	212708_PM_at	MSL1	0.65470138	7.54888235	4.8119222	2.48E-06	7.13E-05	4.4274611
LOC649305	1568780_PM_at	1.46206	0.5480025	0.00026	209273_PM_s_at	ISCA1	-0.42088762	8.93519866	-4.810983	2.49E-06	7.16E-05	4.4233983
HEXIM2	238547_PM_at	-1.25409	0.3266409	0.00026	218489_PM_s_at	ALAD	-0.65224194	5.48448063	-4.810699	2.50E-06	7.16E-05	4.4221687
LOC84856	233562_PM_at	-1.47876	0.5643879	0.000261	214343_PM_s_at	ATXN7L1	-0.76772543	5.39800791	-4.810156	2.50E-06	7.17E-05	4.419823
RCS1	225763_PM_at	1.57125	0.6519127	0.000261	203930_PM_s_at	MAPT	-0.37028531	3.66009344	-4.810045	2.51E-06	7.17E-05	4.4193407
TMEM178	229302_PM_at	-1.58308	0.6627342	0.000263	213167_PM_s_at	SLCSA3	-0.83039385	4.4791346	-4.809776	2.51E-06	7.17E-05	4.41818
GNG7	206896_PM_s_at	-1.25833	0.3315103	0.000266	222937_PM_s_at	MMP28	-0.25773888	4.42299952	-4.8083	2.53E-06	7.21E-05	4.4117995
KATNAL2	1554234_PM_at	-1.22073	0.2877441	0.000268	220615_PM_s_at	FAR2	0.46427529	4.40610647	4.8082603	2.53E-06	7.21E-05	4.4116264
BCL2L2	209311_PM_at	-1.30988	0.3894347	0.000269	243656_PM_at	LOC642852	0.47394854	6.12678478	4.8081029	2.53E-06	7.21E-05	4.4109461

SOX4	201416_PM_at	1.4852	0.5706572	0.000269	231016_PM_s_at	ARNT	0.36734778	4.11179626	4.807963	2.53E-06	7.21E-05	4.4103411
SRCIN1	1554759_PM_at	-1.21701	0.283341	0.000269	210652_PM_s_at	TTC39A	0.72046568	6.79038075	4.8076139	2.53E-06	7.22E-05	4.4088323
CD14	201743_PM_at	1.462	0.5479433	0.00027	203760_PM_s_at	SLA	0.75348037	6.56445813	4.807205	2.54E-06	7.22E-05	4.4070651
ACAD11 /// NPHP3	225573_PM_at	-1.37778	0.4623455	0.00027	239473_PM_x_at	LOC100288104 /// LOC100293818	-0.23396225	3.98205679	-4.807169	2.54E-06	7.22E-05	4.40691
IPP	219843_PM_at	-1.38375	0.4685833	0.00027	211660_PM_at	POUF2F	-0.46875922	5.02298335	-4.80701	2.54E-06	7.22E-05	4.4062206
CD3E	205456_PM_at	1.22238	0.2896928	0.000271	226029_PM_at	VANGL2	0.54564618	5.50081818	4.8067099	2.54E-06	7.22E-05	4.4049255
TCEAL3	227279_PM_at	1.30959	0.3891152	0.000272	244868_PM_at	---	0.26067061	3.8111207	4.8065659	2.55E-06	7.22E-05	4.4043031
ATP8B2	216873_PM_s_at	1.24021	0.3105844	0.000274	209734_PM_at	NCKAP1L	0.72266185	5.12256848	4.8065646	2.55E-06	7.22E-05	4.4042974
CD1E	208592_PM_s_at	1.38432	0.4691775	0.000274	242810_PM_x_at	---	-0.40902487	4.9104683	-4.806266	2.55E-06	7.22E-05	4.4030078
UBLCP1	227413_PM_at	1.24218	0.3128742	0.000274	224134_PM_at	MGC10814	-0.45741687	4.74467367	-4.805684	2.56E-06	7.24E-05	4.4004916
TLE1	203220_PM_s_at	1.23853	0.3086288	0.000274	204124_PM_at	SLC34A2	1.0460568	4.91179623	4.8049061	2.57E-06	7.26E-05	4.3971313
MRRF	225126_PM_at	-1.2195	0.2862898	0.000275	230475_PM_at	C15orf59	-0.61975626	5.45683778	-4.804649	2.57E-06	7.26E-05	4.3960183
SLC6A19	231021_PM_at	-1.82272	0.866093	0.000276	209892_PM_at	FUT4	0.48989439	5.1580424	4.8041646	2.57E-06	7.27E-05	4.3939281
VDAC1	212038_PM_s_at	-1.41628	0.5021065	0.000276	216384_PM_x_at	LOC441454 /// LOC278026 /// PTMA	0.37657121	10.6256078	4.8038841	2.58E-06	7.28E-05	4.3927164
CC111	210133_PM_at	1.68774	0.7550927	0.000278	242060_PM_x_at	PHF11	0.66308369	5.5840448	4.8032179	2.59E-06	7.29E-05	4.389839
P2RY14	206637_PM_at	1.59513	0.673674	0.000279	241261_PM_x_at	---	-0.4931523	4.7118588	-4.800711	2.62E-06	7.37E-05	4.379014
GALM	234974_PM_at	-1.34796	0.4307777	0.000281	235756_PM_at	---	0.56091961	5.03597069	4.7998327	2.63E-06	7.39E-05	4.3752226
ETS1	214447_PM_at	1.33851	0.4206279	0.000281	232076_PM_at	ZNF707	-0.35245306	4.77816541	-4.799736	2.63E-06	7.39E-05	4.3748047
FAM171B	227370_PM_at	1.32189	0.4026021	0.000281	244529_PM_at	---	-0.24511968	3.81220872	-4.799417	2.63E-06	7.40E-05	4.3734297
ACOT13	204565_PM_at	-1.44709	0.5331547	0.000282	240146_PM_at	---	0.43485948	4.14947253	4.7970757	2.66E-06	7.47E-05	4.3633249
IL18RAP	207072_PM_at	1.30693	0.3861819	0.000282	223525_PM_at	DLL4	-0.38386884	4.88281141	-4.796454	2.67E-06	7.49E-05	4.360643
RPA3	209507_PM_at	-1.24893	0.3206926	0.000283	239964_PM_at	TCL6	-0.79599318	5.92388598	-4.795663	2.68E-06	7.51E-05	4.3572292
NSUN3	219458_PM_s_at	-1.22898	0.2974614	0.000284	201360_PM_at	CST3	0.36011055	10.389511	4.7951811	2.68E-06	7.52E-05	4.3551522
FAM184A	220150_PM_s_at	-1.23877	0.3089083	0.000285	202948_PM_at	ILIR1	0.41816395	9.29423433	4.7946842	2.69E-06	7.53E-05	4.3530095
CD300LF	1553043_PM_a_at	1.31297	0.392834	0.000285	217778_PM_at	SLC39A1	0.3816198	8.29925517	4.7940562	2.70E-06	7.55E-05	4.3503014
RGS9BP	1556199_PM_a_at	-1.23056	0.299315	0.000286	205193_PM_at	MAFF	0.65212059	5.02986631	4.7939811	2.70E-06	7.55E-05	4.3499776
CDADC1	221015_PM_s_at	-1.25428	0.3268594	0.000286	1563320_PM_at	---	0.4857685	4.67532888	4.7930151	2.71E-06	7.57E-05	4.3458121
GAMT	205354_PM_at	-1.39154	0.4766824	0.000287	225076_PM_s_at	ZNFX1	0.38176717	8.54580017	4.7915329	2.73E-06	7.62E-05	4.3394231
HGS	210428_PM_s_at	1.46121	0.5471635	0.000287	235826_PM_at	---	-0.33805162	6.00137232	-4.78979	2.75E-06	7.68E-05	4.3319119
ACTL8	214957_PM_at	-1.21621	0.2823924	0.000288	222788_PM_s_at	RSBN1	0.36038665	8.38087471	4.7892305	2.76E-06	7.68E-05	4.3295013
FSTL3	203592_PM_s_at	1.45983	0.5458004	0.000288	244473_PM_at	---	0.34608722	3.85752641	4.7892266	2.76E-06	7.68E-05	4.3294845
PEX11G	244126_PM_at	-1.28572	0.3625765	0.000288	241722_PM_x_at	---	0.65971187	6.18116557	4.7889286	2.76E-06	7.69E-05	4.3282007
ST3GAL6	210942_PM_s_at	-1.39715	0.4824869	0.000289	220052_PM_s_at	TINF2	0.35988882	6.99494134	4.7877447	2.78E-06	7.72E-05	4.3231008
TC2N	234970_PM_at	1.32402	0.4049249	0.000289	210459_PM_at	PSMD4	-0.27630364	3.75244603	-4.786915	2.79E-06	7.74E-05	4.3195286
LOC100288357	239076_PM_at	-1.25516	0.3278713	0.00029	206693_PM_at	IL7	0.52215596	4.95502558	4.7868952	2.79E-06	7.74E-05	4.3194421
FCRL5	224404_PM_s_at	1.35903	0.4425773	0.00029	203035_PM_s_at	PIAS3	0.40555843	6.22346385	4.7868459	2.79E-06	7.74E-05	4.3192296
TES	202719_PM_s_at	1.66161	0.7325818	0.000292	214237_PM_x_at	PAWR	-0.37201517	4.40397803	-4.786288	2.79E-06	7.75E-05	4.3168261
MSRA	219281_PM_at	-1.23694	0.3067755	0.000292	217058_PM_at	GNAS	-0.37189237	4.36390319	-4.786074	2.80E-06	7.76E-05	4.3159061
BICD1	204741_PM_at	1.30991	0.3894677	0.000293	234478_PM_at	LOC440863	-0.24674811	4.04981536	-4.785152	2.81E-06	7.78E-05	4.3119349
ABCC6 /// LOC100292715	208480_PM_s_at	-1.44256	0.5286313	0.000295	231776_PM_at	EOMES	0.82547299	4.96000161	4.7850144	2.81E-06	7.78E-05	4.3113432
NPC1	202679_PM_at	1.26298	0.3368318	0.000295	222537_PM_s_at	CDC425E1	0.44605159	6.78915782	4.7845569	2.82E-06	7.79E-05	4.3093737
HTRA1	201185_PM_at	-1.25031	0.3222858	0.000296	203741_PM_s_at	ADCY7	0.87290765	5.85402268	4.7839591	2.82E-06	7.81E-05	4.3068004
EXOSC10	207541_PM_s_at	1.21348	0.2791503	0.000297	236136_PM_at	---	-0.20572924	3.68662483	-4.783842	2.83E-06	7.81E-05	4.3062955
SLAMF7	219159_PM_s_at	1.46303	0.5489594	0.0003	209180_PM_at	RABGGTB	-0.47545767	8.97993115	-4.783442	2.83E-06	7.81E-05	4.3045745
WAS	205400_PM_at	1.22511	0.2929113	0.0003	240849_PM_at	---	-0.33387927	4.55480763	-4.783214	2.83E-06	7.82E-05	4.3035913
APOC3	205820_PM_s_at	-1.53424	0.6175242	0.000301	234130_PM_at	LDB3	-0.40030636	4.55986349	-4.782623	2.84E-06	7.83E-05	4.3010516
EEF1D	203113_PM_s_at	1.31461	0.3946349	0.000301	1552685_PM_a_at	GRHL1	-0.28968428	3.74550108	-4.782521	2.84E-06	7.83E-05	4.3006097
ACOX2	205364_PM_at	-1.62014	0.6961185	0.000302	224342_PM_x_at	LOC96610	1.38630376	5.17745878	4.7811148	2.86E-06	7.87E-05	4.2945602
SFRS5	203380_PM_x_at	1.24602	0.3173272	0.000302	242340_PM_at	---	-1.05159979	6.28959627	-4.780006	2.88E-06	7.90E-05	4.2897895
GSTM4	204149_PM_s_at	-1.34012	0.4223622	0.000303	238708_PM_at	BC036928	-0.33207783	5.38093165	-4.779961	2.88E-06	7.90E-05	4.2895949
COL18A1	209081_PM_s_at	1.31292	0.392779	0.000305	228194_PM_s_at	SORCS1	-1.11728892	5.19884156	-4.779803	2.88E-06	7.90E-05	4.2889156
CNTROB	228633_PM_s_at	-1.23195	0.3009437	0.000307	212062_PM_at	ATP9A	0.41059779	8.91529056	4.7791642	2.89E-06	7.92E-05	4.2861698
FAM50B	205775_PM_at	-1.2124	0.2778658	0.000307	206049_PM_at	SELP	0.71548398	5.95514299	4.7784163	2.90E-06	7.94E-05	4.2829531
PRPSAP2	203537_PM_at	-1.26471	0.3388066	0.000308	233040_PM_at	PLEKHA5	-0.9158052	5.74604758	-4.77746	2.91E-06	7.97E-05	4.27884
PHF16	204866_PM_at	1.20755	0.2720829	0.000311	222515_PM_x_at	TMEM165	-0.39713529	4.36821629	-4.776547	2.92E-06	8.00E-05	4.2749143
FHL2	202949_PM_s_at	1.52656	0.6102843	0.000312	229940_PM_at	SETP3	-0.52507455	6.02797096	-4.775985	2.93E-06	8.01E-05	4.2724986
LAIR1	208071_PM_s_at	1.28631	0.3632384	0.000312	229625_PM_at	BD35	1.28755991	5.85561742	4.7758689	2.93E-06	8.01E-05	4.2720015
AIF1	207823_PM_s_at	1.39764	0.4829928	0.000314	204115_PM_at	GNG11	0.40879515	10.1486064	4.7753457	2.94E-06	8.03E-05	4.2697525
DNAJC25	226859_PM_at	-1.22334	0.2908254	0.000314	211795_PM_s_at	FYB	0.77334044	6.61811868	4.7741327	2.96E-06	8.06E-05	4.2645396
CSRP2BP /// PET117	228544_PM_s_at	1.24078	0.3112473	0.000314	201398_PM_s_at	TRAM1	0.20368977	11.3599982	4.7734577	2.96E-06	8.08E-05	4.2616393
ALOX5AP	204174_PM_at	1.60741	0.684738	0.000315	222186_PM_s_at	PHF11	0.31739885	9.71728201	4.7727312	2.97E-06	8.10E-05	4.2585184
C15orf48	223484_PM_at	1.65767	0.7291568	0.000315	219812_PM_at	PVRIG	0.82416008	4.52746662	4.7722819	2.98E-06	8.12E-05	4.2565879
NFE2L1	200758_PM_s_at	-1.20278	0.2663728	0.000317	224501_PM_at	C1orf170	-0.38792377	4.34417026	-4.771912	2.99E-06	8.12E-05	4.2549989
RNFT1	221194_PM_s_at	-1.33493	0.4167641	0.000317	222248_PM_s_at	SIRT4	-0.37025062	4.76838151	-4.769778	3.01E-06	8.20E-05	4.2458336
SEMA6C	208100_PM_x_at	-1.23521	0.3047563	0.000318	209787_PM_s_at	HMGNA4	0.23522647	9.84713843	4.7695862	3.02E-06	8.20E-05	4.2450113

SPAG1	210117_PM_at	1.31159	0.3913168	0.000318	1563805_PM_a_at	FAM83C	-0.39341753	4.09861074	-4.768442	3.03E-06	8.24E-05	4.2401003
C10orf128	228372_PM_at	1.59052	0.6694985	0.000318	224964_PM_s_at	GNG2	0.57074315	7.81772195	4.7677956	3.04E-06	8.25E-05	4.2373242
LYZ	213975_PM_s_at	2.27457	1.1855938	0.000319	207996_PM_s_at	C18orf1	0.68917691	6.41993868	4.7669794	3.05E-06	8.28E-05	4.2338212
INHBA	204926_PM_at	1.26711	0.3415418	0.000319	215026_PM_x_at	SCNN1A	-0.38813106	5.23699106	-4.766621	3.06E-06	8.29E-05	4.2322841
ISG15	205483_PM_s_at	1.4982	0.5832302	0.00032	230030_PM_at	HS6S2	-0.93978241	7.10582714	-4.76602	3.07E-06	8.30E-05	4.2297028
ALLC	220365_PM_at	-1.41898	0.5048543	0.00032	1565628_PM_at	---	0.23845822	3.63649652	4.7650151	3.08E-06	8.33E-05	4.2253929
NUDT7	228855_PM_at	-1.28534	0.36215	0.00032	230813_PM_at	LEPREL1	-0.25397458	3.77193027	-4.763979	3.10E-06	8.37E-05	4.2209482
CEP170	207719_PM_x_at	1.35125	0.4342946	0.00032	219257_PM_s_at	SPHK1	0.39367515	4.11546688	4.7631969	3.11E-06	8.39E-05	4.2175936
SLC15A3	219593_PM_at	1.32112	0.4017615	0.00032	209295_PM_at	TNFRSF10B	0.36981464	8.72675591	4.7631698	3.11E-06	8.39E-05	4.2174774
NKIRAS1	225930_PM_at	-1.22878	0.2972266	0.000321	237882_PM_at	---	-0.28566354	4.23879338	-4.762702	3.11E-06	8.40E-05	4.2154709
PRELP	204223_PM_at	1.60495	0.6825284	0.000321	230518_PM_at	MPZL2	0.52691621	6.31177153	4.7626208	3.12E-06	8.40E-05	4.215123
JSRP1	235863_PM_at	-1.30949	0.389005	0.000322	218778_PM_x_at	EPSL1	-0.39279292	4.60530782	-4.762056	3.12E-06	8.41E-05	4.2127024
TLR8	220832_PM_at	1.33844	0.4205525	0.000323	230733_PM_at	---	0.66163834	6.34472225	4.7620514	3.12E-06	8.41E-05	4.2126814
SCMH1	221216_PM_s_at	1.21003	0.2750428	0.000323	228233_PM_at	FREM1	-0.55757732	6.51580121	-4.761161	3.14E-06	8.43E-05	4.2088624
CELDF2	202156_PM_s_at	1.52413	0.607986	0.000324	223091_PM_x_at	MF5	-0.17395032	8.9027759	-4.76089	3.14E-06	8.44E-05	4.2077039
STK39	202786_PM_at	1.22637	0.2943943	0.000325	217258_PM_x_at	IGLV1-44 /// LOC100290557	1.32729884	5.4304499	4.7598509	3.15E-06	8.47E-05	4.203248
SLAMF6	1552497_PM_a_at	1.30808	0.3874508	0.000325	230869_PM_at	FAM155A	0.26053089	3.64680308	4.7598224	3.16E-06	8.47E-05	4.2031256
ATP6V0D2	1553151_PM_at	-1.75411	0.8107392	0.000326	208789_PM_at	PTRF	0.57116624	9.12630342	4.7588696	3.17E-06	8.50E-05	4.1990423
ACSS3	219616_PM_at	-1.38353	0.4683539	0.000335	202949_PM_s_at	FHL2	0.61644327	8.7460998	4.7582979	3.18E-06	8.51E-05	4.1965922
MAP7	202889_PM_x_at	-1.79697	0.8455663	0.000335	222523_PM_at	SEN2	-0.22714027	6.99289165	-4.757083	3.19E-06	8.55E-05	4.1913876
SLC23A3	230949_PM_at	-1.54687	0.629352	0.000335	217919_PM_s_at	MRPL42	-0.42041833	9.18077442	-4.757056	3.20E-06	8.55E-05	4.1912724
FBLIM1	225258_PM_at	1.31083	0.3904806	0.000335	220208_PM_at	ADAMTS13	-0.22218781	3.86919518	-4.756928	3.20E-06	8.55E-05	4.1907222
MAP4K1	206296_PM_x_at	1.27566	0.3512439	0.000335	211104_PM_s_at	MYO7A	-0.27855237	4.13678147	-4.75674	3.20E-06	8.55E-05	4.189918
MYBL1	213906_PM_at	1.46033	0.5462944	0.000335	215760_PM_s_at	SBNO2	-0.28113188	4.29463251	-4.755593	3.22E-06	8.59E-05	4.1850065
C1orf216	212791_PM_at	1.33068	0.4121637	0.000335	204232_PM_at	FCER1G	0.9507777	8.48306923	4.7550736	3.22E-06	8.60E-05	4.1827799
C2orf7	223312_PM_at	-1.26973	0.3445217	0.000335	206968_PM_s_at	NFRKB	-0.27521273	4.03903915	-4.755003	3.23E-06	8.60E-05	4.1824763
MTHFS	203433_PM_at	-1.29523	0.3732083	0.000337	226530_PM_at	BMF	0.46418397	6.02589126	4.7545536	3.23E-06	8.61E-05	4.1805533
DOCK11	226875_PM_at	1.31907	0.3995211	0.000337	AFFX-NonspecificG---	---	-0.21499178	4.64996402	-4.754372	3.23E-06	8.61E-05	4.1797739
GNB3	206047_PM_at	-1.21588	0.2820009	0.000338	203312_PM_x_at	ARF6	0.38090641	8.70876114	4.7523171	3.27E-06	8.69E-05	4.1709782
CFB	202357_PM_s_at	1.22616	0.2941472	0.000338	214317_PM_x_at	RPS9	0.2288627	11.9133655	4.7518233	3.27E-06	8.70E-05	4.1688642
ZYX	200808_PM_s_at	1.27223	0.3473595	0.000338	1556986_PM_at	OR2H1	-0.32092243	4.08525532	-4.751261	3.28E-06	8.71E-05	4.166459
MTAP	204956_PM_at	-1.22935	0.2978957	0.000338	225582_PM_at	ITPRIP	0.47875961	6.83341305	4.7512097	3.28E-06	8.71E-05	4.1662383
MS4A2	207496_PM_at	1.33782	0.419884	0.000341	204771_PM_s_at	TTF1	0.34771856	7.97145763	4.7509256	3.29E-06	8.72E-05	4.1650224
CNOT6L	226153_PM_s_at	1.23933	0.3095604	0.000344	1554510_PM_s_at	GHITM	-0.4750305	10.5307048	-4.750803	3.29E-06	8.72E-05	4.1644979
ZNF652	205594_PM_at	1.43819	0.5242543	0.000345	213619_PM_at	HNRNPH1	0.40581823	10.1082095	4.7496994	3.30E-06	8.75E-05	4.1597756
C1orf183	220476_PM_s_at	-1.20409	0.2679432	0.000346	204197_PM_s_at	RUNX3	0.71203535	4.53361991	4.7483071	3.33E-06	8.80E-05	4.1538196
TRAF5	204352_PM_at	1.37358	0.4579409	0.000347	210163_PM_at	CXCL11	1.57834115	5.67729387	4.7476644	3.34E-06	8.82E-05	4.1510704
FABP3	205738_PM_s_at	-1.35775	0.4412179	0.000347	231930_PM_at	ELMOD1	-0.69679137	4.5324233	-4.747444	3.34E-06	8.82E-05	4.1501294
RAP2B	213923_PM_at	1.22381	0.2913796	0.000348	217897_PM_at	FYXD6	0.43775906	8.58020075	4.7473603	3.34E-06	8.82E-05	4.14977
GAB2	203853_PM_s_at	1.21396	0.2797209	0.000348	228080_PM_at	LAYN	0.59120328	5.25036359	4.7465253	3.35E-06	8.84E-05	4.1461992
PLEKHO1	218223_PM_s_at	1.46018	0.5461462	0.000349	56197_PM_at	PLSCR3	0.35019017	8.54553792	4.7464827	3.35E-06	8.84E-05	4.1460169
ZNF600	242463_PM_x_at	1.31256	0.3923834	0.00035	218451_PM_at	CDCP1	0.61709958	4.85701649	4.7461474	3.36E-06	8.85E-05	4.1445833
PIPF	201489_PM_at	-1.36663	0.4506227	0.000351	34063_PM_at	RECQL5	-0.26131562	4.73679111	-4.745548	3.37E-06	8.87E-05	4.1420219
ZMYND12	223636_PM_at	-1.49622	0.5813223	0.000353	215502_PM_at	---	-0.23084285	3.8074744	-4.745213	3.37E-06	8.88E-05	4.140589
CGB /// CGB5	205387_PM_s_at	-1.24224	0.3129439	0.000354	210236_PM_at	PPFIA1	-0.22651386	3.93835304	-4.744671	3.38E-06	8.89E-05	4.1382728
MFSD8	228282_PM_at	-1.28818	0.3653342	0.000354	239933_PM_x_at	C14orf45	-0.58029303	5.3951517	-4.744537	3.38E-06	8.89E-05	4.1377004
SLC26A2	205097_PM_at	1.44406	0.5301307	0.000355	224920_PM_x_at	MYADM	0.66142533	6.2234464	4.7430545	3.41E-06	8.94E-05	4.1313622
APCDD1L	235548_PM_at	-1.27419	0.3495804	0.000359	220358_PM_at	BATF3	0.46060229	4.81847694	4.7428931	3.41E-06	8.94E-05	4.1306724
GIT2	204982_PM_at	1.21478	0.2806951	0.00036	201980_PM_s_at	RSU1	0.25955252	9.16911808	4.74284	3.41E-06	8.94E-05	4.1304455
PECR	221142_PM_s_at	-1.27482	0.3502936	0.000361	217140_PM_s_at	VBAC1	-0.72488391	9.4777463	-4.74167	3.43E-06	8.98E-05	4.1254464
SUCLG2	212459_PM_x_at	-1.20142	0.2647406	0.000364	229204_PM_at	---	0.53681706	6.42966129	4.7410091	3.44E-06	9.00E-05	4.1226229
GZMB	210164_PM_at	1.83878	0.8787489	0.000367	209829_PM_at	FAM65B	0.84931316	5.47233026	4.7399351	3.45E-06	9.04E-05	4.1180353
MED12	203506_PM_s_at	1.38667	0.4716245	0.000369	209457_PM_at	DUSP5	0.6431136	5.30958624	4.7397156	3.46E-06	9.04E-05	4.1170979
ETFDH	205530_PM_at	-1.47029	0.5561007	0.000369	201754_PM_at	COX6C	-0.16260589	11.9791584	-4.73961	3.46E-06	9.04E-05	4.1166466
NPR3	219789_PM_at	-1.79863	0.8468984	0.000369	224411_PM_at	PLA2G12B	-0.83985121	5.62948965	-4.738785	3.47E-06	9.07E-05	4.1131237
C22orf34	235839_PM_at	-1.23342	0.3026641	0.000369	225446_PM_at	BRWD1	-0.46567791	6.77251012	-4.738607	3.48E-06	9.07E-05	4.1123638
KDM1B	227021_PM_at	1.24905	0.3208312	0.000374	1559667_PM_at	---	-0.35128433	4.1048442	-4.73769	3.49E-06	9.10E-05	4.1084469
TUB	228882_PM_at	-1.22652	0.2945708	0.000377	241925_PM_x_at	---	-0.84655706	5.93979228	-4.735864	3.52E-06	9.17E-05	4.1006553
PLSCR3	218828_PM_at	1.21104	0.2762465	0.000379	204960_PM_at	PTPRCAP	0.80785666	5.24316992	4.7351832	3.53E-06	9.19E-05	4.0977748
CACNB3	209530_PM_at	1.2402	0.3105728	0.000379	218102_PM_at	DERA	-0.28860451	10.3155591	-4.734016	3.55E-06	9.24E-05	4.0927695
LILRB3	210225_PM_x_at	1.24344	0.3143369	0.000381	214916_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG3 /// IGHM /// IGL1	1.35628202	5.6339061	4.7335935	3.56E-06	9.25E-05	4.0909648
PPID	204185_PM_x_at	-1.30712	0.3863916	0.000382	219757_PM_s_at	C14orf101	0.56434588	6.50872288	4.7331121	3.56E-06	9.26E-05	4.0889113
SNX22	230509_PM_at	-1.20941	0.2743034	0.000382	224917_PM_at	MIR21	0.92439953	9.510077	4.7330553	3.56E-06	9.26E-05	4.0886691
CYB5A	207843_PM_x_at	-1.23962	0.3098979	0.000382	201002_PM_s_at	TMEM189 /// TMEM189-UBE2V1 /// UBE2V1	0.21217837	9.70603793	4.7329019	3.57E-06	9.26E-05	4.0880144
SPAG4	219888_PM_at	1.39889	0.4842825	0.000383	221932_PM_s_at	GLRX5	-0.25258944	10.7732363	-4.732537	3.57E-06	9.27E-05	4.0864573

NBL1	201621_PM_at	1.46639	0.5522689	0.000385	228693_PM_at	CCDC50	0.5551416	6.22409816	4.7322606	3.58E-06	9.27E-05	4.085279
ST8SIA4	206925_PM_at	1.29805	0.376346	0.000385	225929_PM_s_at	RNF213	0.62974916	9.0261842	4.732066	3.58E-06	9.27E-05	4.0844493
LOC2730101	213248_PM_at	-1.34949	0.4324143	0.000387	205350_PM_at	CRABP1	-0.48490612	4.43787799	-4.731894	3.58E-06	9.27E-05	4.0837144
C22orf9	212421_PM_at	1.26775	0.3422703	0.000389	236280_PM_at	---	0.75931996	5.17835425	4.7317004	3.59E-06	9.28E-05	4.0828899
CCL21	204606_PM_at	1.78783	0.8382096	0.000389	229291_PM_at	LOC100289210	-0.30155722	4.16210843	-4.731548	3.59E-06	9.28E-05	4.0822404
CRISPLD2	221541_PM_at	1.53183	0.6152562	0.000389	202727_PM_s_at	IFNGR1	0.43033442	9.2985307	4.7313144	3.59E-06	9.28E-05	4.0812439
DCAF13	220843_PM_s_at	-1.26149	0.3351288	0.00039	234310_PM_s_at	SUSD2	-0.66883818	5.35262115	-4.730135	3.61E-06	9.32E-05	4.0762151
COPA	208684_PM_at	-1.22162	0.2887956	0.000392	229893_PM_at	FRMD3	-0.44288749	8.15172054	-4.728186	3.64E-06	9.40E-05	4.0679059
PI16	228312_PM_at	-1.40663	0.4922429	0.000392	218549_PM_s_at	FAM82B	-0.28921033	8.56963131	-4.727591	3.65E-06	9.42E-05	4.0653707
KIAA1462	213316_PM_at	1.33056	0.4120336	0.000393	207571_PM_x_at	C1orf38	0.73365986	5.2304761	4.7273261	3.66E-06	9.42E-05	4.0642417
RALYL	213967_PM_at	-1.74543	0.8035825	0.000394	217728_PM_at	S100A6	0.30179595	11.8744959	4.7270956	3.66E-06	9.43E-05	4.0632593
IGH@ /// IGH1 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4 /// IGHG5	211634_PM_x_at	2.09769	1.0688015	0.000395	228921_PM_at	SLC25A42	-0.30091109	4.09908972	-4.726824	3.67E-06	9.43E-05	4.0621024
CTH	206085_PM_s_at	-1.55662	0.6384168	0.000397	205147_PM_x_at	NCF4	0.66989	4.96133791	4.7242469	3.71E-06	9.54E-05	4.0511229
IGH@ /// IGH1 /// IGH2 /// IGHG1 /// IGHG3 /// IGHM /// IGHM2	211633_PM_x_at	1.66462	0.7351929	0.000397	202965_PM_s_at	CAPN6	1.07304247	6.17024176	4.7235108	3.72E-06	9.56E-05	4.0479881
KIAA1245 /// LOC100288142 /// LOC200030 /// NBPFF1 /// NBPFF2	213612_PM_x_at	1.36704	0.4510555	0.000398	215313_PM_x_at	H1A-A /// LOC441528	0.29609951	12.4406824	4.7223853	3.74E-06	9.60E-05	4.0431955
BTBD7	220297_PM_at	1.28907	0.3663306	0.000401	230925_PM_at	APBB1P	0.74595901	7.62837748	4.72191	3.75E-06	9.62E-05	4.0411721
CH13L2	213060_PM_s_at	1.38285	0.4676447	0.000404	209181_PM_s_at	RABGGTB	-0.24687189	9.72309154	-4.71997	3.78E-06	9.70E-05	4.0329136
DNASE1	210165_PM_at	-1.2319	0.3008851	0.000404	203101_PM_s_at	MGAT2	-0.31962994	3.92032333	-4.719807	3.79E-06	9.70E-05	4.0322127
PI4K2A	209345_PM_s_at	-1.21519	0.2811819	0.000407	229074_PM_at	EHD4	0.55513718	7.64161109	4.7193897	3.79E-06	9.71E-05	4.0304446
SLC4A9	224053_PM_s_at	-1.52135	0.6053521	0.000412	1556067_PM_a_at	KDM6B	0.3345141	4.12646245	4.7189091	3.80E-06	9.72E-05	4.0283994
SCRN2	225513_PM_at	-1.35011	0.433077	0.000413	210231_PM_x_at	SET	0.23917865	10.69066	4.7188268	3.80E-06	9.72E-05	4.0280493
CD4	203547_PM_at	1.21314	0.2787461	0.000414	227566_PM_at	NTM	0.97238643	4.84145332	4.7180848	3.82E-06	9.74E-05	4.0248924
SLC25A30	226782_PM_at	-1.20611	0.2703615	0.000414	222600_PM_s_at	UBA6	0.56532956	5.23972143	4.7179869	3.82E-06	9.74E-05	4.0244758
HN1L	212109_PM_at	1.27754	0.3533685	0.000415	219582_PM_at	OGFRL1	0.48264738	5.20105123	4.7178567	3.82E-06	9.74E-05	4.0239217
7-Sep	213151_PM_s_at	1.2092	0.2740529	0.000415	210166_PM_at	TLR5	0.53155441	6.02427192	4.717144	3.83E-06	9.76E-05	4.02089
KTCLC1	218587_PM_s_at	1.232	0.3010023	0.000416	244780_PM_at	SGPP2	1.1489227	5.27926537	4.7169805	3.84E-06	9.76E-05	4.0201943
MVD	203027_PM_s_at	-1.23072	0.2995026	0.000418	203146_PM_s_at	GABBR1	0.64592924	5.55421007	4.7168939	3.84E-06	9.76E-05	4.0198262
MAP3K14	205192_PM_at	1.202	0.2654369	0.000419	226100_PM_at	MLL5	0.31519852	7.74902819	4.7168043	3.84E-06	9.76E-05	4.0194447
KIAA1191	224502_PM_s_at	-1.23849	0.3085822	0.000419	229021_PM_at	MCTP2	0.44461167	5.64102013	4.7164621	3.84E-06	9.77E-05	4.0179896
CLEC4A	219947_PM_at	1.38423	0.4690837	0.00042	205594_PM_at	ZNF652	0.54371741	6.37632543	4.7163864	3.85E-06	9.77E-05	4.0176673
CNRIP1	226751_PM_at	1.39093	0.4760498	0.00042	229959_PM_at	FLJ38576	-0.233836	3.89994774	-4.715983	3.85E-06	9.78E-05	4.0159532
SLC41A1	225570_PM_at	-1.21301	0.2785914	0.00042	223019_PM_at	FAM129B	0.48576096	7.88041397	4.7140459	3.89E-06	9.85E-05	4.0077149
ALDH1B1	209645_PM_s_at	-1.38485	0.4697297	0.000425	239684_PM_at	---	-0.43701891	4.00793828	-4.714007	3.89E-06	9.85E-05	4.0075481
GEM	204472_PM_at	1.54158	0.6244098	0.000428	205731_PM_s_at	NCOA2	0.240737	3.65334136	4.7138863	3.89E-06	9.85E-05	4.0070365
CCDC74A /// CCDC74B	227966_PM_s_at	1.32991	0.4113286	0.000429	1562028_PM_at	CCND3	0.39749391	3.67569468	4.7131142	3.90E-06	9.88E-05	4.0037543
GNGL1	204115_PM_at	1.26997	0.3447944	0.000429	232190_PM_s_at	MLL5	0.3750977	9.52909344	4.7130524	3.90E-06	9.88E-05	4.0034914
CCDC113	222890_PM_at	1.35687	0.4402825	0.000432	1552410_PM_at	CLEC4F	0.29738024	4.02597522	4.7119629	3.92E-06	9.92E-05	3.9988611
LIX1	230865_PM_at	1.71924	0.781771	0.000432	1555514_PM_a_at	PIAS2	-0.45338076	5.40078292	-4.711739	3.93E-06	9.92E-05	3.9979094
SELE	206211_PM_at	1.57885	0.6588741	0.000432	203047_PM_at	STK10	0.46521803	5.09053185	4.7109095	3.94E-06	9.95E-05	3.9943844
WNT5A	205990_PM_s_at	1.52321	0.6071149	0.000435	224358_PM_s_at	MS4A7	0.9901556	5.43255042	4.7102962	3.95E-06	9.97E-05	3.9917789
LOC374443	240572_PM_s_at	1.40997	0.4956645	0.000437	221054_PM_s_at	TCL6	-0.39533787	3.81476392	-4.709205	3.97E-06	0.0001	3.9871434
PRX	220024_PM_s_at	-1.2993	0.3777346	0.000438	218087_PM_s_at	SLC16A7	-0.63529943	5.03392724	-4.707592	4.00E-06	0.0001	3.9802924
TMEM14A	218477_PM_at	-1.22924	0.2977666	0.000439	201474_PM_s_at	ITGA3	0.54376994	5.37414852	4.7075809	4.00E-06	0.0001	3.9802454
ARPC3	208736_PM_at	1.66106	0.7321042	0.00044	218913_PM_s_at	GMIP	0.45089791	5.25918898	4.7075202	4.00E-06	0.0001	3.9799878
MLX	210752_PM_s_at	-1.35057	0.4335684	0.000441	65521_PM_at	UBE2D4	-0.33942587	4.97638043	-4.706388	4.02E-06	0.0001	3.9751817
SEMA6A	215028_PM_at	1.4061	0.4916992	0.000444	219956_PM_at	GALNT6	0.57672891	4.41098996	4.7063545	4.02E-06	0.0001	3.9750385
STAT3	208991_PM_at	1.20399	0.2678234	0.000445	238127_PM_at	FLJ41484	0.34160031	3.69287093	4.7058801	4.03E-06	0.0001	3.9730241
ALDH2	201425_PM_at	-1.27262	0.3478017	0.000448	228176_PM_at	S1PR3	0.61135888	8.20110287	4.7052328	4.05E-06	0.0001	3.9702767
FANK1	232968_PM_at	1.3078	0.3871419	0.000448	211527_PM_x_at	VEGFA	-0.75930078	6.03350053	-4.704558	4.06E-06	0.0001	3.9674127
MICAL1	218376_PM_s_at	1.32547	0.406504	0.000448	242788_PM_at	ARF6	0.25955934	9.78149056	4.7045446	4.06E-06	0.0001	3.9673554
CSF2RA	207085_PM_x_at	1.21138	0.2766515	0.00045	232099_PM_at	PCDH16	0.44186449	4.28554488	4.7045133	4.06E-06	0.0001	3.9672226
CYBB	203922_PM_s_at	1.51692	0.601145	0.000451	213144_PM_at	GOSR2	-0.48585794	6.45344928	-4.703981	4.07E-06	0.0001	3.9649647
MAGOHB	218894_PM_s_at	1.30846	0.3878698	0.000452	205629_PM_s_at	CRH	-0.2436685	3.8147346	-4.703585	4.08E-06	0.0001	3.9632819
GJC2	207025_PM_at	-1.25595	0.328779	0.000457	200663_PM_at	CD63	0.17660131	11.9465567	4.7012599	4.12E-06	0.0001	3.9534187
C5orf33	226946_PM_at	-1.41495	0.5007511	0.000458	216142_PM_at	---	-0.30471028	4.87727683	-4.700736	4.13E-06	0.0001	3.9511977
RGS1	202988_PM_s_at	1.56699	0.647996	0.000458	238113_PM_at	---	-0.41159305	5.11460869	-4.699501	4.15E-06	0.0001	3.9459602
MAD1L1	204857_PM_at	1.46529	0.5511862	0.000459	239125_PM_at	LOC100303728	-0.42425998	4.55779665	-4.699427	4.15E-06	0.0001	3.9456439
KITLG	226534_PM_at	1.25268	0.3250179	0.000461	200633_PM_at	UBB	-0.1320685	13.2299064	-4.699397	4.15E-06	0.0001	3.9455167
FGFR1OP	205588_PM_s_at	-1.21727	0.2836492	0.000461	218289_PM_s_at	UBA5	-0.29475088	8.59346192	-4.699237	4.16E-06	0.0001	3.9448388
KIAA1704	220171_PM_x_at	1.29777	0.3760347	0.000462	213102_PM_at	ACTR3	0.26533635	10.0608125	4.6979994	4.18E-06	0.0001	3.9395929
C11orf86	233938_PM_at	-1.24393	0.3149053	0.000464	222392_PM_x_at	PERP	0.48338913	9.53003928	4.6973176	4.19E-06	0.0001	3.9367028
NPIP	204538_PM_x_at	1.27679	0.3525213	0.000464	244496_PM_at	---	-0.22182472	3.83755142	-4.696757	4.20E-06	0.0001	3.9343258
LOC100288387	213281_PM_at	1.34825	0.431088	0.000466	1566231_PM_at	---	-0.21206045	3.80265187	-4.696404	4.21E-06	0.0001	3.9328298
MRPL35	218890_PM_x_at	-1.21072	0.2758653	0.000466	237092_PM_at	---	-0.38192399	4.60580808	-4.69507	4.24E-06	0.00011	3.9271794
GLIS3	229435_PM_at	1.31123	0.3909208	0.000467	226579_PM_at	---	0.51445901	6.50763619	4.6940032	4.26E-06	0.00011	3.9226586

MRC1 /// MRC1L1	204438_PM_at	1.74967	0.8070828	0.000471	212531_PM_at	LCN2	1.27267996	5.58718068	4.6939986	4.26E-06	0.00011	3.9226389
PYHIN1	216748_PM_at	1.21978	0.286621	0.000471	213227_PM_at	PGRMC2	-0.26790508	9.10979141	-4.693961	4.26E-06	0.00011	3.9224793
LRG1	228648_PM_at	1.31952	0.4000132	0.000471	1553372_PM_at	FLU23865	-0.2362573	3.56407326	-4.691479	4.30E-06	0.00011	3.9119682
RIPK2	209544_PM_at	1.2203	0.2872359	0.000472	200919_PM_at	PHC2	0.28522892	9.68936429	4.6907216	4.32E-06	0.00011	3.9087612
LOC100289632	1556078_PM_at	-1.20654	0.2708757	0.000474	207604_PM_s_at	SLCAA7	0.69680549	5.06929471	4.6906296	4.32E-06	0.00011	3.9083718
FGF8	204988_PM_at	2.74749	1.4581142	0.000474	231928_PM_at	HES2	-0.3371122	5.10257976	-4.690087	4.33E-06	0.00011	3.9060731
ARHGEF6	209539_PM_at	1.31106	0.3907337	0.000474	221692_PM_s_at	MRLP34	-0.26875531	9.74896898	-4.689577	4.34E-06	0.00011	3.9039182
AUH	205052_PM_at	-1.30126	0.3799093	0.000474	41644_PM_at	SAASH1	0.41552419	7.98641378	4.6882967	4.37E-06	0.00011	3.8984976
TP53TG5	207482_PM_at	-1.21735	0.283744	0.000474	215894_PM_at	PTGDR	0.50283313	3.79568491	4.6881686	4.37E-06	0.00011	3.8979554
PAG1	225622_PM_at	1.43668	0.5227388	0.000474	239909_PM_at	ADAMTSL1	-0.21376239	3.93278683	-4.687512	4.38E-06	0.00011	3.895176
FAM60A /// LOC728115	223038_PM_s_at	1.42329	0.5092296	0.000478	236857_PM_at	SLC38A1	-0.33172467	3.95849708	-4.685742	4.42E-06	0.00011	3.8876901
PPM1M	226074_PM_at	1.25562	0.3283999	0.000478	234380_PM_x_at	LOC728701	-0.42968861	4.67024253	-4.685321	4.43E-06	0.00011	3.885907
ANXA9	210085_PM_s_at	-1.42154	0.5074547	0.000479	225676_PM_s_at	DCAF13	-0.31677984	9.30753208	-4.68468	4.44E-06	0.00011	3.8831961
C19orf22	221764_PM_at	1.38526	0.4701568	0.000479	209179_PM_s_at	MBOAT7	0.41383747	8.34313527	4.681686	4.50E-06	0.00011	3.8705392
FMNL2	226184_PM_at	1.24534	0.3165397	0.000479	225185_PM_at	MRAS	0.34205006	8.15593718	4.6815534	4.50E-06	0.00011	3.8699788
KIAA0240	213208_PM_at	1.20679	0.2711746	0.000479	AFFX-NonspecificG	---	-0.2007806	4.43809878	-4.681234	4.51E-06	0.00011	3.8686294
NUBPL	220176_PM_at	-1.30026	0.3788001	0.00048	203366_PM_at	POLG	0.32814344	7.69897028	4.6810735	4.51E-06	0.00011	3.8679504
THR3	207044_PM_at	-1.29476	0.3726847	0.00048	232583_PM_at	TNFAIP8L2	0.63733853	4.55443434	4.6810454	4.51E-06	0.00011	3.867832
S100A3	206027_PM_at	1.20193	0.2653529	0.00048	219470_PM_x_at	CCNJ	0.38390805	4.84682695	4.6803555	4.53E-06	0.00011	3.8649162
RNF144B	228153_PM_at	1.32099	0.4016195	0.000481	236259_PM_at	STK4	0.47415294	6.2317679	4.6802038	4.53E-06	0.00011	3.8642754
SUCLA2	202930_PM_s_at	-1.37314	0.4574787	0.000481	206366_PM_x_at	XCL1	1.00174494	5.60666264	4.6801499	4.53E-06	0.00011	3.8640474
LOC100289219	242705_PM_x_at	-1.31319	0.3930757	0.000481	229980_PM_s_at	SNX5	-0.3250459	10.9082655	-4.679348	4.55E-06	0.00011	3.8606589
RAB21	203885_PM_at	-1.22301	0.2904362	0.000483	224357_PM_s_at	MS4A4A	0.70111414	6.02918295	4.6786965	4.56E-06	0.00011	3.8579069
KIAA0922	209760_PM_at	1.22871	0.2971445	0.000483	223489_PM_x_at	EXOSC3	-0.37222794	4.95698655	-4.677407	4.59E-06	0.00011	3.8524615
TDG	203742_PM_s_at	1.20778	0.2723577	0.000485	224729_PM_s_at	ATP4F1	-0.28375305	9.93633664	-4.676434	4.61E-06	0.00011	3.8483493
REXO2	218194_PM_at	-1.48232	0.5678569	0.000488	222271_PM_at	---	0.82733665	6.7998201	4.6756103	4.62E-06	0.00011	3.8448731
S100A10	200872_PM_at	1.23416	0.3035294	0.000489	1556160_PM_a_at	---	-0.36780441	4.44180656	-4.674548	4.65E-06	0.00011	3.8403866
HOXB7	204778_PM_x_at	1.29986	0.3783562	0.000489	228376_PM_at	GGTA1	0.72352469	7.92471694	4.6744416	4.65E-06	0.00011	3.8399392
PRNP	201300_PM_s_at	-2.36306	1.2406563	0.000489	241679_PM_at	---	0.62380595	4.75214715	4.674193	4.65E-06	0.00011	3.8388899
KLRD1	207796_PM_x_at	1.38754	0.4725294	0.00049	218828_PM_at	PLSCR3	0.37680971	7.02481596	4.6736433	4.67E-06	0.00011	3.83657
KLF7	204334_PM_at	1.24555	0.3167829	0.000491	223264_PM_at	MESDC1	0.4247272	7.64303149	4.6736247	4.67E-06	0.00011	3.8364913
C5orf39	227877_PM_at	1.42864	0.5146424	0.000491	239772_PM_x_at	DHX30	-0.41469132	5.71946927	-4.67351	4.67E-06	0.00011	3.8360089
MAP3K8	235421_PM_at	1.41009	0.4957872	0.000492	1561153_PM_at	---	-0.30016895	4.72782614	-4.671893	4.70E-06	0.00011	3.8291848
CD81	200675_PM_at	1.26133	0.3349458	0.000492	208100_PM_x_at	SEMA6C	-0.32920555	4.55478683	-4.67174	4.71E-06	0.00011	3.8285367
CDK2AP2	203252_PM_at	1.28887	0.3661068	0.000492	227379_PM_at	MBOAT1	0.58870016	5.75525238	4.6716585	4.71E-06	0.00011	3.8281942
GLUD1	200946_PM_x_at	-1.27064	0.3455553	0.000495	200060_PM_s_at	RNP51	0.2455749	9.3202195	4.6713667	4.71E-06	0.00011	3.8269635
CD38	205692_PM_s_at	1.41145	0.497178	0.0005	206682_PM_at	CLEC10A	0.97373501	5.66092282	4.6711972	4.72E-06	0.00011	3.8262481
ECHDC1	219974_PM_x_at	-1.41128	0.4970042	0.000501	210701_PM_at	CFDP1	0.72812303	4.74548472	4.6705335	4.73E-06	0.00011	3.8234485
ZAP70	214032_PM_at	1.26672	0.3410977	0.000502	211339_PM_s_at	ITK	0.81815158	4.65514728	4.6702031	4.74E-06	0.00011	3.822055
MRPL44	218202_PM_x_at	-1.32363	0.4044999	0.000502	203917_PM_at	CXADR	0.58563788	8.14878815	4.6701716	4.74E-06	0.00011	3.821922
ACVR1B	205209_PM_at	-1.22663	0.2947001	0.000508	210227_PM_at	DLGAP2	-0.56228459	4.17229297	-4.668258	4.78E-06	0.00012	3.8138538
FXYD6	217897_PM_at	1.27805	0.3539443	0.000509	232555_PM_at	CREB5	0.59630035	5.31679868	4.6679997	4.79E-06	0.00012	3.812763
WDSUB1	226668_PM_at	-1.27739	0.3531991	0.00051	233128_PM_at	---	-0.24502553	3.85542259	-4.667551	4.80E-06	0.00012	3.810869
IGSF11	228375_PM_at	-1.63702	0.7110719	0.00051	241921_PM_x_at	---	-0.46331697	5.66629017	-4.667165	4.80E-06	0.00012	3.8092437
CCL23	210548_PM_at	1.36457	0.4484464	0.00051	1554192_PM_s_at	C4orf23	-0.28585581	4.46793458	-4.666581	4.82E-06	0.00012	3.8067806
PPFIA1	202065_PM_s_at	-1.27022	0.3450784	0.000513	241670_PM_x_at	LOC729177	-0.48565558	4.23566482	-4.666293	4.82E-06	0.00012	3.8055671
FAM164C	220107_PM_s_at	-1.23387	0.3031904	0.000513	203438_PM_at	STC2	-0.7819144	5.8884859	-4.665616	4.84E-06	0.00012	3.8027142
FAM22B	234695_PM_x_at	-1.28274	0.3592288	0.000514	201224_PM_s_at	SRRM1	0.40970291	8.17975947	4.6655725	4.84E-06	0.00012	3.8025312
TUBB	209026_PM_x_at	1.21521	0.2812056	0.000515	221013_PM_s_at	APOL2	-0.43403732	6.21604394	-4.665505	4.84E-06	0.00012	3.8022449
BACH2	221234_PM_s_at	1.22042	0.2873777	0.000515	225602_PM_at	GLIPR2	0.80851869	6.53233745	4.6650149	4.85E-06	0.00012	3.8001816
GK /// GK3P	216316_PM_x_at	-1.55526	0.6371558	0.000515	228142_PM_at	UQR10	-0.43382951	8.39641566	-4.664941	4.85E-06	0.00012	3.7998681
OSBPL6	223805_PM_at	-1.41267	0.4984245	0.000515	211072_PM_x_at	TUBA1B	0.23187532	12.0516001	4.6635624	4.88E-06	0.00012	3.7940617
DDR1	1007_PM_s_at	1.33722	0.4192368	0.000516	208232_PM_x_at	---	-0.54018766	5.03283025	-4.663447	4.89E-06	0.00012	3.7935775
MVP	202180_PM_s_at	1.34379	0.4263077	0.000516	239296_PM_at	---	0.72079236	4.71976821	4.6628928	4.90E-06	0.00012	3.7912411
LOC1518	1563445_PM_x_at	-1.51858	0.6027229	0.000516	209770_PM_at	BTN3A1	0.53636724	8.17753319	4.6626767	4.90E-06	0.00012	3.7903304
CAPG	201850_PM_at	1.30952	0.3890381	0.000521	231372_PM_at	LOC153328	-0.78139746	6.08720096	-4.662226	4.91E-06	0.00012	3.7884431
SLCSA11	237254_PM_at	-1.60913	0.6862809	0.000521	209788_PM_s_at	ERAP1	0.49253415	8.66428149	4.6621154	4.91E-06	0.00012	3.7879662
RGS2	202388_PM_at	1.46422	0.5501323	0.000525	212285_PM_s_at	AGRN	0.54487579	9.19912928	4.6615396	4.93E-06	0.00012	3.7855416
C10orf47	229801_PM_at	1.43203	0.5180617	0.000527	225615_PM_at	IFFO2	0.527119	7.63537366	4.6612751	4.93E-06	0.00012	3.7844274
JAK3	207187_PM_at	1.29548	0.3734867	0.000527	208438_PM_s_at	FGR	0.82877511	5.20645896	4.6606407	4.95E-06	0.00012	3.7817562
PCDHB16	232099_PM_at	1.35165	0.4347216	0.000528	216473_PM_x_at	DUX4 /// LOC441056 /// LOC653543 /// LOC653544 /// LOC65	-0.58833671	5.87394281	-4.659304	4.98E-06	0.00012	3.7761285
LAT /// SPNS1	209881_PM_s_at	1.3494	0.4323181	0.000531	222440_PM_s_at	THRAP3	0.24808228	8.30254606	4.6560684	5.05E-06	0.00012	3.7625122
CSGALNACT1	219049_PM_at	1.27152	0.3465542	0.000534	213699_PM_s_at	YWHAQ	0.15395958	11.3964423	4.656049	5.05E-06	0.00012	3.7624306
LGALS3BP	200923_PM_at	1.27607	0.3517075	0.000535	226136_PM_at	GLIPR1	0.86330829	5.65865574	4.6558282	5.06E-06	0.00012	3.7615015
SIGLEC1	219519_PM_s_at	1.32872	0.4100371	0.000535	1558881_PM_at	LOC145820	0.89515313	6.04899053	4.6557946	5.06E-06	0.00012	3.76136

BLNK	207655_PM_s_at	1.24307	0.3139075	0.000746	200872_PM_at	S100A10	0.30915547	11.5573954	4.5825781	7.01E-06	0.00015	3.4554042
FAM179A	236717_PM_at	1.24901	0.320785	0.000746	207827_PM_x_at	SNCA	-0.39287791	5.50296609	-4.582404	7.02E-06	0.00015	3.4546811
TDP2	202266_PM_at	-1.31341	0.3933173	0.000747	224557_PM_x_at	P2RX2	-0.41847455	5.45562288	-4.582209	7.02E-06	0.00015	3.4538725
LIF	205266_PM_at	1.38232	0.4670916	0.000747	237013_PM_at	---	-0.48155853	4.97562254	-4.581918	7.03E-06	0.00015	3.4526626
C14orf149	227699_PM_at	-1.44653	0.5325962	0.000751	226959_PM_at	CAMK1D /// LOC283070	0.71990227	5.68828566	4.5818744	7.03E-06	0.00015	3.4524838
OSBP	201799_PM_s_at	-1.2966	0.3747335	0.000752	213236_PM_at	SASH1	0.43241843	8.22578038	4.5814238	7.05E-06	0.00015	3.4506136
PNPLA1	1553364_PM_at	-1.34288	0.4253304	0.000752	215966_PM_x_at	GK3P	-0.83640453	6.89106178	-4.580846	7.07E-06	0.00015	3.4482157
C19orf68	238866_PM_at	-1.32712	0.4082988	0.000752	230391_PM_at	CD84	1.05458832	6.38706486	4.5804542	7.08E-06	0.00015	3.4465905
MYOM3	230284_PM_at	-1.33429	0.4160723	0.000752	244182_PM_at	---	-0.28900354	4.50073725	-4.579898	7.10E-06	0.00015	3.4442814
DPEP2	219452_PM_at	1.25799	0.3311205	0.000754	223501_PM_at	TNFSF13B	1.00006937	6.99410387	4.5786775	7.13E-06	0.00016	3.4392203
GCET2	235310_PM_at	1.22185	0.2772111	0.000759	238558_PM_at	---	0.7299767	6.95284339	4.5775101	7.17E-06	0.00016	3.4343787
MAMLD1	205088_PM_at	1.28468	0.361409	0.00076	217985_PM_s_at	BAZ1A	0.60913058	7.37857337	4.5766629	7.20E-06	0.00016	3.4308662
RDX	204969_PM_s_at	-1.44234	0.5284113	0.000762	AFFX-NonspecificG	---	-0.21470432	4.56304687	-4.576392	7.21E-06	0.00016	3.4297435
DDT	202929_PM_s_at	-1.20603	0.2702658	0.000764	213143_PM_at	C2orf72	-0.26957778	4.05594989	-4.575982	7.22E-06	0.00016	3.4280424
SFB4	209044_PM_x_at	1.26094	0.3344996	0.000764	209640_PM_at	PML	0.36574473	4.43432702	4.5743766	7.27E-06	0.00016	3.421389
LOC100287237	1563431_PM_x_at	1.56531	0.6464484	0.000765	214298_PM_x_at	---	0.46662308	7.50730266	4.5742475	7.28E-06	0.00016	3.4208541
GNAI2	201040_PM_at	1.34824	0.4310773	0.000765	238642_PM_at	ANKRD13D	0.60055818	6.26131362	4.5740864	7.28E-06	0.00016	3.4201864
SRAG	201858_PM_s_at	1.54084	0.6237171	0.000765	224460_PM_s_at	L2HGDH	-0.81786017	5.70566954	-4.572309	7.34E-06	0.00016	3.4128235
MFHAS1	213457_PM_at	1.25068	0.3227127	0.000766	217764_PM_s_at	RAB31	0.55165086	8.87842073	4.5721574	7.34E-06	0.00016	3.4121942
DCLRE1A	209804_PM_at	-1.21294	0.2785082	0.000766	202173_PM_s_at	VEZF1	0.37753625	7.69884583	4.5716415	7.36E-06	0.00016	3.4100571
ZNF558	227810_PM_at	1.22254	0.2898817	0.000766	206896_PM_s_at	GNMG7	-0.35735708	6.96527173	-4.571247	7.37E-06	0.00016	3.408422
DUSP2	204794_PM_at	1.31101	0.3906787	0.000767	225776_PM_at	RBM52	0.33330547	8.09256883	4.5706796	7.39E-06	0.00016	3.4060731
KNG1	206054_PM_at	-1.62639	0.7016732	0.00077	225188_PM_at	RAPH1	0.33602708	8.87312524	4.5699022	7.42E-06	0.00016	3.4028537
ATM	208442_PM_s_at	1.27269	0.3478811	0.00077	229389_PM_at	ATG16L2	0.59869985	5.58973766	4.5685959	7.46E-06	0.00016	3.3974454
RICTOR	226310_PM_at	1.32542	0.4064496	0.000771	1560662_PM_s_at	WHAMML1 /// WHAMML2	0.44726857	4.24336137	4.5685397	7.46E-06	0.00016	3.3972125
ELTD1	219134_PM_at	1.36747	0.4515092	0.000776	218656_PM_s_at	LHF1	0.56113235	9.0574413	4.5682858	7.47E-06	0.00016	3.3961167
AGXT2L1	221008_PM_s_at	-2.02162	1.0155118	0.000776	212953_PM_x_at	CALR	0.29575947	9.95687647	4.5679679	7.48E-06	0.00016	3.3948455
TMEM105	1561243_PM_at	-1.22406	0.2916743	0.000778	210431_PM_at	ALPL2	-0.28347429	4.18300746	-4.567481	7.50E-06	0.00016	3.3928304
GBP1	202269_PM_x_at	1.60205	0.6799192	0.000778	235002_PM_at	NUDT16	-0.21640847	3.83100176	-4.566785	7.52E-06	0.00016	3.3899512
PTGFRN	224937_PM_at	1.42711	0.5130965	0.000778	212600_PM_s_at	UQCRC2	-0.21377349	11.288094	-4.56673	7.52E-06	0.00016	3.389722
RTN4IP1	224509_PM_s_at	-1.32871	0.4100263	0.000779	217147_PM_s_at	TRAT1	0.72535176	4.02989775	4.5661078	7.54E-06	0.00016	3.3871474
LRRFIP1	201861_PM_s_at	1.33471	0.4165263	0.000781	228016_PM_s_at	LOC729580	-0.30440279	4.2681116	-4.565322	7.57E-06	0.00016	3.3838962
GRB10	209409_PM_at	-1.28695	0.363956	0.000785	208847_PM_s_at	ADH5	-0.23229907	10.9888269	-4.565257	7.57E-06	0.00016	3.383627
GSTP1	200824_PM_at	1.2206	0.2875905	0.000786	206584_PM_at	LY96	1.01044634	7.20074125	4.5652302	7.57E-06	0.00016	3.3835165
CACYBP	201381_PM_x_at	-1.25688	0.3298469	0.000787	240615_PM_at	---	-0.33514672	4.12919597	-4.564918	7.58E-06	0.00016	3.3822257
CAMK1D	220246_PM_at	1.21728	0.2836611	0.000789	242103_PM_at	TMEM86A	-0.53246961	5.30711031	-4.564744	7.59E-06	0.00016	3.381504
SPON1	209436_PM_at	1.56225	0.6436253	0.000789	1566608_PM_at	---	0.2854185	3.62263667	4.5646717	7.59E-06	0.00016	3.3812058
CFH /// CFHR1	215388_PM_s_at	1.52603	0.6097833	0.000791	217419_PM_x_at	AGRN	0.56147596	7.3820884	4.5642506	7.61E-06	0.00016	3.379464
LY75	205668_PM_at	1.61206	0.6889054	0.000792	237463_PM_at	ZFPM1	-0.54211232	5.18036778	-4.563978	7.61E-06	0.00016	3.3783362
RAB20	219622_PM_at	1.28387	0.3604991	0.000792	228389_PM_at	---	-0.32659981	6.9923504	-4.56259	7.66E-06	0.00016	3.3725951
LOC100287616	232752_PM_at	1.43762	0.5236824	0.000793	230044_PM_at	---	-0.45571486	4.52424157	-4.562401	7.67E-06	0.00016	3.3718127
CACHD1	225627_PM_s_at	-1.30919	0.3886745	0.000793	201602_PM_s_at	PPP1R12A	0.48042375	7.44013826	4.5617148	7.69E-06	0.00016	3.3689772
PKLR	207858_PM_s_at	-1.41401	0.4997923	0.000794	223773_PM_s_at	SNHG12	0.61891659	7.30612374	4.5611516	7.71E-06	0.00016	3.3666488
C1orf163	219420_PM_s_at	-1.21086	0.2760321	0.000796	210483_PM_at	MGC31957	-0.29821509	4.3095774	-4.560629	7.73E-06	0.00017	3.3644868
MAOB	204041_PM_at	-1.24216	0.312851	0.000798	206991_PM_s_at	CCR5	0.77321559	5.41069499	4.5602357	7.74E-06	0.00017	3.3628629
HIST1H2BK	209806_PM_at	1.4023	0.487795	0.000799	226160_PM_at	H6PD	0.51302349	6.2373398	4.559384	7.77E-06	0.00017	3.3593426
KCNAB2	203402_PM_at	-1.22255	0.2898935	0.0008	241866_PM_at	SLC16A7	-0.67713547	5.59201386	-4.557572	7.83E-06	0.00017	3.3518551
ASPDH	230912_PM_at	-1.30162	0.3803083	0.000801	208895_PM_s_at	DDX18	0.32004188	9.20280507	4.5573243	7.84E-06	0.00017	3.3508324
CLBL	209682_PM_at	1.25178	0.323981	0.000803	236782_PM_at	SAMD3	0.6222618	4.27626673	4.5569726	7.85E-06	0.00017	3.3493795
ANKDD1A	229497_PM_at	1.25207	0.3243152	0.000804	225636_PM_at	STAT2	0.36964411	9.56897493	4.5557618	7.90E-06	0.00017	3.3443786
FAHD1	226767_PM_s_at	-1.24932	0.3211431	0.000804	222856_PM_at	APLN	-0.29125339	4.7386265	-4.553828	7.96E-06	0.00017	3.3363938
TMEM163	223503_PM_at	1.35807	0.4415578	0.000805	223502_PM_s_at	TNFSF13B	0.98210827	7.15202243	4.5537651	7.97E-06	0.00017	3.3361341
STXBP1	202260_PM_s_at	1.22229	0.2895866	0.000807	218981_PM_at	ACN9	-0.37253112	8.24212661	-4.553557	7.97E-06	0.00017	3.3352738
HIBADH	224812_PM_at	-1.79186	0.8414579	0.000812	1570282_PM_at	---	-0.21018095	3.87561971	-4.553244	7.98E-06	0.00017	3.3339836
CRLF1	206315_PM_at	1.30271	0.381516	0.000813	1560776_PM_at	---	0.42480737	3.47820959	4.5521115	8.02E-06	0.00017	3.3293085
RBMS3	206767_PM_at	1.35192	0.4350098	0.000815	236774_PM_at	---	-0.97954577	6.33093732	-4.55155	8.04E-06	0.00017	3.3269894
FAM110B	221959_PM_at	1.25763	0.3307075	0.000818	218562_PM_s_at	TMEM57	-0.26657094	6.46641868	-4.551396	8.05E-06	0.00017	3.3263539
DNAJB9	202842_PM_s_at	-1.38882	0.4738596	0.000819	234414_PM_at	FAM22F /// FAM22G	-0.46618909	6.3430656	-4.550609	8.08E-06	0.00017	3.3231087
APOBEC3B	206632_PM_s_at	1.48974	0.5750606	0.00082	202210_PM_x_at	GSK3A	-0.3511527	5.95267102	-4.549635	8.11E-06	0.00017	3.3190882
FBNP4	212232_PM_at	1.33778	0.4198409	0.00082	205265_PM_s_at	SPEG	-0.37986021	5.28354946	-4.54934	8.12E-06	0.00017	3.3178745
C4orf48	229860_PM_x_at	1.48388	0.5693744	0.000836	1554899_PM_s_at	FCER1G	1.05213612	7.17559565	4.5488196	8.14E-06	0.00017	3.315727
RARRS3	204070_PM_at	1.30575	0.3848787	0.00084	1561048_PM_at	RARS2	-0.33938743	3.99990921	-4.548516	8.15E-06	0.00017	3.3144744
PARP11	220315_PM_at	1.22856	0.2969683	0.000841	38241_PM_at	BTN3A3	0.74286277	6.75253908	4.5479547	8.17E-06	0.00017	3.31216
SLC37A4	202830_PM_s_at	-1.3847	0.4695734	0.000846	205205_PM_at	RELB	0.45670171	4.66419253	4.5464539	8.23E-06	0.00017	3.3059718
MAT2A	200768_PM_s_at	-1.34171	0.4240729	0.000847	236754_PM_at	PPP1R2	0.42866847	4.68245711	4.5457951	8.25E-06	0.00017	3.303256

TAF1D	218750_PM_at	1.20002	0.2630585	0.000983	204422_PM_s_at	FGF2	0.49982237	4.56323525	4.5178825	9.33E-06	0.00019	3.1884981
CRIP2	208978_PM_at	1.38366	0.4684895	0.000986	216598_PM_s_at	CCL2	0.79991255	9.00018984	4.5176396	9.34E-06	0.00019	3.1875021
LYST	203518_PM_at	1.34262	0.425051	0.000994	225767_PM_at	---	0.55016493	5.23242171	4.5172524	9.36E-06	0.00019	3.1859146
MTMR4	212277_PM_at	-1.26536	0.3395479	0.000994	209473_PM_at	ENTPD1	0.53922775	6.99686322	4.516949	9.37E-06	0.00019	3.1846706
MTTP	205675_PM_at	-1.69593	0.7620766	0.000996	242106_PM_at	---	0.25856728	3.63687194	4.5168899	9.37E-06	0.00019	3.1844286
MAPKSP1	217971_PM_at	-1.20981	0.2747805	0.000996	224145_PM_s_at	SPTBN4	-0.39038544	4.52628688	-4.516708	9.38E-06	0.00019	3.1836834
NTSDC1	223177_PM_at	-1.20759	0.2721307	0.000996	234573_PM_at	---	-0.38562869	4.91451448	-4.516622	9.38E-06	0.00019	3.1833292
PPP1R16A	225203_PM_at	-1.28887	0.3661068	0.000997	202083_PM_s_at	SEC14L1	0.42452371	6.64914395	4.5158108	9.41E-06	0.00019	3.1800051
ARVCF	205784_PM_x_at	-1.25388	0.3263993	0.000997	202820_PM_at	AHR	0.42034398	8.71372267	4.5146429	9.46E-06	0.00019	3.1752184
C3orf18	219114_PM_at	-1.2114	0.2766753	0.000998	212434_PM_at	GRPEL1	-0.29220423	8.89442482	-4.514332	9.48E-06	0.00019	3.1739456
ISOC1	218170_PM_at	-1.20354	0.2672841	0.000998	203716_PM_s_at	DDP4	-0.68853451	8.89015774	-4.514233	9.48E-06	0.00019	3.1735403
WARS	200628_PM_s_at	1.32197	0.4026894	0.001001	208969_PM_at	NDUFA9	-0.19537688	10.1900303	-4.51373	9.50E-06	0.00019	3.1714784
TNKS2	218228_PM_s_at	1.51761	0.6018011	0.001002	215784_PM_at	CD1E	0.93796335	4.47810319	4.5137235	9.50E-06	0.00019	3.1714512
PRKAG2	215231_PM_at	-1.46773	0.5535866	0.001006	218380_PM_at	LOC728392 /// NLRP1	0.62264542	6.89763822	4.5132449	9.52E-06	0.00019	3.1694901
FOXQ1	227475_PM_at	1.40622	0.4918223	0.001009	53720_PM_at	C19orf66	0.41365541	8.3194008	4.5129188	9.54E-06	0.00019	3.1681543
HMX2	244565_PM_at	-1.42979	0.5158033	0.001012	217476_PM_at	NR1D1 /// THRA	-0.32628142	4.23854758	-4.512918	9.54E-06	0.00019	3.1681494
ENO2	201313_PM_at	1.32651	0.4076356	0.001013	223227_PM_at	BBS2	-0.26558839	8.36450759	-4.51285	9.54E-06	0.00019	3.1678713
TYMP	204858_PM_s_at	1.31342	0.3933283	0.001014	230383_PM_x_at	---	0.71290323	6.28198598	4.5124983	9.55E-06	0.00019	3.1664316
MYO1C	214656_PM_x_at	1.266	0.3402774	0.001017	205331_PM_s_at	REEP2	-0.28998702	4.63661508	-4.511233	9.61E-06	0.00019	3.1612487
NR1D2	209750_PM_at	1.55627	0.6380924	0.00102	233328_PM_x_at	SLC17A9	-0.18860337	3.63000691	-4.51103	9.61E-06	0.00019	3.1604195
PRODH2	216696_PM_s_at	-1.74304	0.8016057	0.00102	204481_PM_at	BRPF1	0.3296214	7.03251104	4.5108581	9.62E-06	0.00019	3.1597139
NCF1 /// NCF1B /// NCF1C	204961_PM_s_at	1.28504	0.3618133	0.001031	204438_PM_at	MRC1 /// MRC11	0.7250428	8.8448413	4.5104717	9.64E-06	0.00019	3.1581318
PMP22	210139_PM_s_at	1.41807	0.5039287	0.001035	226272_PM_at	RCAN3	0.59876667	7.40840268	4.510461	9.64E-06	0.00019	3.1580879
NCRNA00103	232172_PM_at	1.23677	0.3065772	0.001042	243523_PM_at	IQSEC1	-0.45994239	4.7218668	-4.509876	9.66E-06	0.00019	3.1556926
DDX10	204977_PM_at	-1.35733	0.4407715	0.001043	213906_PM_at	MYBL1	0.56626925	4.42223664	4.5098498	9.66E-06	0.00019	3.1555853
C2	203052_PM_at	1.32912	0.4104714	0.001044	218324_PM_s_at	SPATS2	0.44265803	6.28583913	4.5095858	9.68E-06	0.00019	3.1545046
ROCK1	214578_PM_s_at	-1.20441	0.2683266	0.001044	207555_PM_s_at	TBXA2R	-0.41909246	5.29691848	-4.509129	9.69E-06	0.00019	3.1526357
ELK4	206919_PM_at	1.43651	0.522568	0.001044	207463_PM_x_at	PRSS2 /// PRSS3	-0.59660238	5.30333871	-4.50798	9.71E-06	0.00019	3.1512796
NMI	203964_PM_at	1.28755	0.3646285	0.001048	240587_PM_x_at	---	-0.39340659	5.29205884	-4.508626	9.72E-06	0.00019	3.1505752
RGS18	223809_PM_at	1.45557	0.5415842	0.001048	243614_PM_s_at	PRODH2	-1.36388901	7.10410143	-4.508322	9.73E-06	0.00019	3.1493331
PHF17	218517_PM_at	1.20576	0.2699428	0.001048	201876_PM_at	PON2	0.36348752	10.2684095	4.5082828	9.73E-06	0.00019	3.1491705
FAM134C	212697_PM_at	1.5638	0.645056	0.001051	222146_PM_s_at	TCF4	0.69897752	8.36737118	4.5082133	9.73E-06	0.00019	3.1488861
OXCT1	202780_PM_at	-1.34288	0.4253304	0.001053	207168_PM_s_at	H2AFY	0.20888069	10.1841046	4.5080472	9.74E-06	0.00019	3.1482062
NDUFS8	203189_PM_s_at	-1.20109	0.2643443	0.001053	207442_PM_at	CSF3	-0.23457495	4.33660741	-4.507826	9.75E-06	0.00019	3.1472999
C10orf57	218174_PM_s_at	-1.26266	0.3364662	0.001054	226077_PM_at	RNF145	0.33566024	9.43150716	4.5073851	9.77E-06	0.0002	3.1454965
CYP2B6	206755_PM_at	-1.3304	0.4118601	0.001056	242144_PM_at	---	0.46548139	4.20122471	4.5071341	9.78E-06	0.0002	3.1444693
FLJ40330	1556183_PM_at	1.34387	0.4263936	0.00107	211058_PM_x_at	TUBA1B	0.22296016	12.0905276	4.5068193	9.79E-06	0.0002	3.1431814
LOC100288911	236656_PM_s_at	-1.25554	0.328308	0.00107	202273_PM_at	PDGFRB	0.48805031	7.87054911	4.5055928	9.85E-06	0.0002	3.1381632
ITGA3	201474_PM_s_at	1.31525	0.3953371	0.001071	215280_PM_s_at	PPFIA3	-0.46454333	5.09852581	-4.504056	9.91E-06	0.0002	3.1318782
PNPO	218511_PM_s_at	-1.21714	0.2834951	0.001071	219542_PM_at	NEK11	0.35232465	5.63938409	4.5040397	9.91E-06	0.0002	3.1318104
ACAD8	221669_PM_s_at	-1.3198	0.4003193	0.001073	202625_PM_at	LYN	0.63051901	7.79333939	4.5035052	9.94E-06	0.0002	3.1296248
MAPK15	241357_PM_at	-1.20241	0.2659289	0.001083	218988_PM_at	SLC35E3	-0.29978332	7.3620283	-4.503459	9.94E-06	0.0002	3.129436
C11orf70	224463_PM_s_at	1.25053	0.3225397	0.001086	209119_PM_x_at	NR2F2	0.52919739	9.6219044	4.503058	9.96E-06	0.0002	3.1277959
WFDC1	219478_PM_at	1.48601	0.5714438	0.001087	221624_PM_at	TCL6	-0.3281152	4.55907743	-4.502674	9.97E-06	0.0002	3.1262252
GPS1	217782_PM_s_at	-1.2454	0.3166092	0.001088	206152_PM_at	AGAP2	-0.35284697	4.53491101	-4.5026	9.98E-06	0.0002	3.1259221
LOC100288316	228319_PM_at	-1.28299	0.3595099	0.001091	209651_PM_at	TGFB11	0.54180265	7.98992411	4.5022577	9.99E-06	0.0002	3.1245239
METAP2	209861_PM_s_at	1.25892	0.3321866	0.001092	239847_PM_at	---	-0.49330017	6.23501119	-4.501677	1.00E-05	0.0002	3.1221493
ST3GAL5	203217_PM_s_at	1.2361	0.3057955	0.001093	218928_PM_s_at	SLC37A1	0.44569677	5.89842368	4.5013975	1.00E-05	0.0002	3.1210074
LMNA	203411_PM_s_at	1.26159	0.3352431	0.001097	211634_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGH4 /// IGH5	1.30688069	5.09881018	4.5012491	1.00E-05	0.0002	3.1204008
GABRE	204537_PM_s_at	1.35858	0.4420995	0.001104	201785_PM_at	RNASE1	0.46744219	10.5181459	4.4994895	1.01E-05	0.0002	3.1132097
RPS6KB2	203777_PM_s_at	-1.20681	0.2711986	0.00111	204431_PM_at	TLE2	0.46302306	5.5779208	4.4993922	1.01E-05	0.0002	3.1128119
GLUD2	210447_PM_at	-1.40758	0.4932169	0.00111	201755_PM_at	MCM5	0.38763114	5.11236178	4.4986108	1.02E-05	0.0002	3.1096195
C1orf186	230381_PM_at	1.60148	0.6794058	0.00111	200762_PM_at	DPYSL2	0.28725655	9.9070861	4.4982776	1.02E-05	0.0002	3.1082581
LOC399904	213740_PM_s_at	-1.24693	0.3183805	0.001112	212853_PM_at	DCUN1D4	-0.3689948	5.1199849	-4.496359	1.03E-05	0.0002	3.1004196
GET4 /// SUN1	223811_PM_s_at	-1.21527	0.2812769	0.001122	218376_PM_s_at	MICAL1	0.50448379	7.16374879	4.4961839	1.03E-05	0.0002	3.0997066
ESRRG	207981_PM_s_at	-1.28732	0.3643707	0.001123	220631_PM_at	OSGPEL1	-0.59653743	5.59642261	-4.495704	1.03E-05	0.0002	3.097747
HMX1	207353_PM_s_at	-1.29419	0.3720494	0.001127	203439_PM_s_at	STC2	-0.32551024	4.29802831	-4.495118	1.03E-05	0.0002	3.0953534
TECTA	236904_PM_x_at	-1.25171	0.3239004	0.001131	212012_PM_at	PXDN	0.65037425	7.67376746	4.4951099	1.03E-05	0.0002	3.0953211
ARL8B	222442_PM_s_at	-1.28654	0.3634963	0.001133	216571_PM_at	LOC100289043	-0.21487277	3.97998812	-4.494701	1.03E-05	0.0002	3.0936518
ATP5F1	211755_PM_s_at	-1.21456	0.2804338	0.001135	214080_PM_x_at	PRKCSH	0.35213833	9.19508018	4.4942505	1.03E-05	0.0002	3.0918127
VASP	202205_PM_at	1.27305	0.3482891	0.001137	212029_PM_s_at	---	-0.29535318	4.14238631	-4.494074	1.04E-05	0.0002	3.0910932
LOXL1	203570_PM_at	1.37808	0.4626596	0.001139	229830_PM_at	PDGFA	0.51396078	7.52239566	4.4936376	1.04E-05	0.0002	3.0893111
MYL9	201058_PM_s_at	1.55261	0.6346955	0.00114	223788_PM_at	---	-0.46216546	5.24823527	-4.493415	1.04E-05	0.0002	3.0884011
C18orf56	228989_PM_at	-1.49606	0.581168	0.00115	231193_PM_s_at	---	0.22976852	3.85594565	4.4926269	1.04E-05	0.0002	3.0851861
GJB1	204973_PM_at	-1.26265	0.3364548	0.00115	240594_PM_at	---	0.42646256	4.23827825	4.4926199	1.04E-05	0.0002	3.0851573

SPIN4	228654_PM_at	1.28393	0.3605665	0.001563	240307_PM_at	---	0.56817594	4.56299879	4.4327461	1.35E-05	0.00025	2.842222
FPR3	214560_PM_at	1.26959	0.3443627	0.001563	217071_PM_s_at	MTHFR	-0.26037248	4.35631671	-4.43272	1.35E-05	0.00025	2.8421162
IL6R	205945_PM_at	1.35983	0.4434263	0.001564	242877_PM_at	---	0.42333645	4.52882788	4.4317836	1.36E-05	0.00025	2.8383396
PRRG2	205617_PM_at	-1.2074	0.2719037	0.001564	218858_PM_at	DEPDC6	0.3694159	9.74928693	4.4312147	1.36E-05	0.00025	2.8360453
SCARB2	201646_PM_at	1.2222	0.2894804	0.00157	240240_PM_at	---	0.31349489	3.50062194	4.4310248	1.36E-05	0.00025	2.8352796
HSP90B1	200598_PM_s_at	1.26622	0.3405281	0.001572	221653_PM_x_at	APOL2	0.61710098	7.10671473	4.4306654	1.36E-05	0.00025	2.8338303
PPARGCIA	219195_PM_at	-1.21581	0.2819178	0.001572	218069_PM_at	DCTPP1	0.26484951	9.42297068	4.4304838	1.37E-05	0.00025	2.833098
TMEM39B	218770_PM_s_at	1.23198	0.3009788	0.001573	203033_PM_x_at	FH	-0.27525252	10.1984211	-4.430283	1.37E-05	0.00025	2.8322889
AGXT	206957_PM_at	-1.75973	0.8153541	0.001591	227235_PM_at	GUCY1A3	0.47487698	8.88563134	4.4295544	1.37E-05	0.00025	2.8293506
DDAH1	209094_PM_at	-1.6755	0.7445917	0.001592	31835_PM_at	HRG	-0.93875249	7.25959746	-4.429183	1.37E-05	0.00025	2.8278531
RIN1	205211_PM_s_at	-1.2709	0.3458505	0.001592	238036_PM_at	STR5IA4	0.64145246	4.40698971	4.4287883	1.38E-05	0.00025	2.8262625
APOL3	221087_PM_s_at	1.32301	0.403824	0.001597	236904_PM_x_at	TECTA	-0.33093891	4.54923037	-4.428421	1.38E-05	0.00025	2.8247819
CLYBL	238440_PM_at	-1.34148	0.4238255	0.0016	242228_PM_at	---	0.24427241	3.50514939	4.4284063	1.38E-05	0.00025	2.8247224
CH3L1	209395_PM_at	-1.65385	0.7258284	0.001603	218939_PM_at	LETM1	-0.29551234	4.94798593	-4.428296	1.38E-05	0.00025	2.8242767
PTGS2	204748_PM_at	1.23082	0.2996198	0.001603	1563445_PM_x_at	LOC1518	-0.69583966	6.16571412	-4.427978	1.38E-05	0.00025	2.8229954
SLC31A1	203971_PM_at	-1.28523	0.3620266	0.001609	217802_PM_s_at	NUCKS1	0.29980229	11.0609924	4.4271436	1.39E-05	0.00025	2.8196336
UQCRC2	200883_PM_at	-1.33465	0.4164615	0.00161	205345_PM_at	BARO1	0.44687314	5.65676486	4.4269103	1.39E-05	0.00025	2.8186936
RLIM	222815_PM_at	1.207	0.2714257	0.001617	238866_PM_at	C10orf68	-0.43296108	5.19046214	-4.426512	1.39E-05	0.00025	2.8170883
RAB1A	207791_PM_s_at	-1.47507	0.5607834	0.001618	215772_PM_x_at	SUCLG2	-0.29716417	10.8650621	-4.426213	1.39E-05	0.00025	2.8158842
CFDP1	203166_PM_at	1.67242	0.7419372	0.001618	228740_PM_at	---	-0.6100502	7.87731474	-4.426152	1.39E-05	0.00025	2.8156401
AKTIP	218373_PM_at	-1.35556	0.438889	0.001619	204147_PM_s_at	TFDP1	-0.41343097	4.79034978	-4.425821	1.39E-05	0.00025	2.814305
MTFR1	203207_PM_s_at	-1.26447	0.3385328	0.00162	203129_PM_s_at	KIF5C	0.22072345	3.65743376	4.4255697	1.39E-05	0.00025	2.8132925
GRIN2A	231384_PM_at	1.4358	0.5218548	0.00162	220476_PM_s_at	C1orf183	-0.27838648	4.53567199	-4.425083	1.40E-05	0.00025	2.8113324
FOS	209189_PM_at	1.59586	0.6743341	0.001626	243569_PM_at	LOC100287621	-0.24306198	4.0143759	-4.424707	1.40E-05	0.00025	2.8098189
BAX	208478_PM_s_at	1.60078	0.678775	0.001631	226859_PM_at	DNAUC25	-0.29788708	7.67349027	-4.423645	1.41E-05	0.00026	2.8055417
NCRNA00118	230488_PM_s_at	-1.39153	0.476672	0.001632	1557418_PM_at	ACSL4	0.71016791	4.96265109	4.4229805	1.41E-05	0.00026	2.8028649
RHEB	201451_PM_x_at	-1.21108	0.2762942	0.001632	34726_PM_at	CACNB3	0.31602334	5.04841727	4.4214898	1.42E-05	0.00026	2.7968633
CSK	202329_PM_at	1.25728	0.330306	0.001637	215127_PM_s_at	RBMS1	0.2802155	10.1133063	4.4212861	1.42E-05	0.00026	2.7960434
SUOX	204067_PM_at	-1.25559	0.3283654	0.001639	205498_PM_at	GHR	-0.46808962	8.60548565	-4.421233	1.42E-05	0.00026	2.7958283
C5orf62	223276_PM_at	1.27432	0.3497276	0.001646	203005_PM_at	LTBR	0.63237401	7.11712717	4.4210876	1.42E-05	0.00026	2.7952445
LOC729013	235010_PM_at	-1.23981	0.310119	0.001646	214394_PM_x_at	EEF1D	0.23042966	11.6654066	4.4204365	1.43E-05	0.00026	2.792624
MFSD4	229254_PM_at	-1.49848	0.5834998	0.001647	AFFX-r2-p1-cre-3_a	---	0.14305494	13.2231988	4.4200512	1.43E-05	0.00026	2.7910736
AS3MT	223652_PM_at	-1.30204	0.3807738	0.001648	233249_PM_at	---	0.66780185	5.18793304	4.4185974	1.44E-05	0.00026	2.7852241
DMXL1	203791_PM_at	-1.28629	0.3632159	0.001649	1557961_PM_s_at	LOC100127983	0.55387086	6.03295232	4.41831	1.44E-05	0.00026	2.7840682
FAM83G	228587_PM_at	-1.2101	0.2751263	0.00166	1552386_PM_at	GAPT	0.60031011	3.85808579	4.4182245	1.44E-05	0.00026	2.783724
COLEC11	219873_PM_at	-1.38405	0.4688961	0.001665	221660_PM_at	MYL10	-0.52315736	5.81748905	-4.418214	1.44E-05	0.00026	2.7836836
CES1	209616_PM_s_at	1.63045	0.7052702	0.001669	236087_PM_at	ABLIM2	-0.27542038	4.58875577	-4.417853	1.44E-05	0.00026	2.7823213
CAV2	203323_PM_at	1.28297	0.3594874	0.001673	202040_PM_s_at	KDM5A	0.34559072	8.03942399	4.4174919	1.44E-05	0.00026	2.7807774
IL1B	205067_PM_at	1.24099	0.3114915	0.001677	201462_PM_at	SCRN1	0.33821662	6.88888211	4.417331	1.45E-05	0.00026	2.7801303
TUBD1	210389_PM_x_at	1.20576	0.2699428	0.001678	201207_PM_at	TNFAIP1	0.25554776	8.20819088	4.4169263	1.45E-05	0.00026	2.7785507
LHX1	206230_PM_at	-1.22445	0.2921339	0.001679	1558972_PM_s_at	THEMIS	0.62381455	3.80460087	4.4168173	1.45E-05	0.00026	2.7780641
ANOS	229313_PM_at	-1.35853	0.4420464	0.001679	207507_PM_s_at	ATPSG3	-0.15579318	11.8968973	-4.41668	1.45E-05	0.00026	2.7775126
PDGFRB	202273_PM_at	1.2403	0.3106891	0.001684	239844_PM_x_at	C1orf228	-0.46379474	5.68935036	-4.41643	1.45E-05	0.00026	2.7765056
GOLGA8A /// GOLGA8B	210424_PM_s_at	1.34897	0.4318583	0.001685	201041_PM_s_at	DUSP1	0.48197755	8.86796377	4.4162357	1.45E-05	0.00026	2.7757253
MPST	203524_PM_s_at	-1.21382	0.2795545	0.001687	201434_PM_at	TTC1	-0.17010532	8.9683958	-4.415252	1.46E-05	0.00026	2.771772
TYRP1	205694_PM_at	-1.82362	0.8668051	0.001698	222512_PM_at	NUB1	0.28435582	8.72090254	4.4152378	1.46E-05	0.00026	2.7717132
PDSS2	219307_PM_at	-1.20205	0.2654969	0.0017	217916_PM_s_at	FAM49B	0.38499401	8.51101353	4.4149717	1.46E-05	0.00026	2.7706433
COQ7	209745_PM_at	-1.2095	0.2744108	0.001709	236085_PM_at	CAPSL	0.45588921	4.03875621	4.41492	1.46E-05	0.00026	2.7704354
ACADL	206068_PM_s_at	-1.33605	0.417974	0.001709	204253_PM_s_at	VDR	-0.43543785	5.0890188	-4.414319	1.46E-05	0.00026	2.7680201
CD302	203799_PM_at	1.3832	0.4680098	0.001709	202598_PM_at	S100A13	0.37957065	9.914295	4.4141917	1.46E-05	0.00026	2.7675078
MNS1	219703_PM_at	1.37566	0.4601239	0.00171	1557987_PM_at	---	0.94381845	7.06211022	4.4132908	1.47E-05	0.00026	2.7638872
LOC728153	233204_PM_at	1.31502	0.3950847	0.001713	217248_PM_s_at	SLC7A8	-0.59395439	4.60939011	-4.413247	1.47E-05	0.00026	2.7637119
ANXA8 /// ANXA8L1 /// ANXA8L2	203074_PM_at	-1.31233	0.3921305	0.001715	211111_PM_at	HGCG.3	-0.46863119	5.3101618	-4.412798	1.47E-05	0.00026	2.7619049
SLC10A2	207095_PM_at	-1.73028	0.7910055	0.001717	238725_PM_at	IRF1	0.92786415	6.39930164	4.4127534	1.47E-05	0.00026	2.7617274
GASS	224741_PM_x_at	1.299	0.3774014	0.001718	1554479_PM_a_at	CARD8	0.42750608	7.56951383	4.4126722	1.47E-05	0.00026	2.7614011
AH1	220841_PM_s_at	1.293	0.3707223	0.001721	234321_PM_x_at	NHSL1	-0.44224302	6.35134083	-4.412564	1.48E-05	0.00026	2.7609671
C3orf23	226688_PM_at	-1.31565	0.3957757	0.001726	212089_PM_at	LMNA	0.54475092	7.54027419	4.4125473	1.48E-05	0.00026	2.7608994
TDO2	205943_PM_at	1.63563	0.7098464	0.001726	222375_PM_at	---	0.53780161	4.84950682	4.4112412	1.48E-05	0.00027	2.7556517
NEURL1B	225355_PM_at	1.56331	0.6446039	0.001726	202715_PM_at	CAD	0.41814864	6.19147491	4.4112347	1.48E-05	0.00027	2.7556259
MED13L	212207_PM_at	1.27459	0.3500332	0.001727	202145_PM_at	LY6E	0.5672232	5.88463546	4.4109221	1.49E-05	0.00027	2.7543699
C10orf114	1555922_PM_at	-1.24049	0.3109101	0.001727	208161_PM_s_at	ABCC3	0.73670739	7.67986956	4.4104524	1.49E-05	0.00027	2.7524833
ALKBH4	222228_PM_s_at	-1.21394	0.2796971	0.001731	203995_PM_at	C21orf2	-0.32887918	4.85731693	-4.410001	1.49E-05	0.00027	2.7506709
CCNH	204093_PM_at	-1.21273	0.2782584	0.001733	201361_PM_at	TMEM109	0.1785875	9.2982016	4.4098487	1.49E-05	0.00027	2.7500587
CLNK	1562587_PM_at	-1.21745	0.2838625	0.001733	213015_PM_at	BBX	0.40506044	8.65002671	4.4090999	1.50E-05	0.00027	2.7470517
MNAT1	203565_PM_s_at	-1.23555	0.3051534	0.001742	229860_PM_x_at	C4orf48	0.57119433	8.65720846	4.40751	1.51E-05	0.00027	2.7406685

PCK2	202847_PM_at	-1.40334	0.4888646	0.004155	237931_PM_at	---	-0.25939649	4.16777476	-4.252914	2.91E-05	0.00044	2.1295199
PAPD4	225761_PM_at	1.37518	0.4596205	0.004165	225292_PM_at	COL27A1	0.50258166	6.86484211	4.2525671	2.91E-05	0.00044	2.1281702
UPP2	231376_PM_at	-1.74057	0.7995598	0.004186	204538_PM_x_at	NP1P	0.42291089	10.2376613	4.2523945	2.91E-05	0.00044	2.1274987
SOD3	205236_PM_x_at	1.3053	0.3843814	0.004187	223296_PM_at	SLC25A33	-0.35842725	8.35922599	-4.252369	2.91E-05	0.00044	2.1273975
IQGAP2	203474_PM_at	-1.30416	0.3831209	0.004188	200782_PM_at	ANXA5	0.28174983	10.6290654	4.2521853	2.92E-05	0.00044	2.1266844
LOC645638	229566_PM_at	1.34788	0.4306921	0.004189	1569111_PM_at	SOM13	0.3914517	3.91784871	4.2520821	2.92E-05	0.00044	2.1262829
CEP68	207971_PM_s_at	1.22547	0.2933352	0.004195	226860_PM_at	TMEM19	-0.3636583	9.15444832	-4.251973	2.92E-05	0.00044	2.1258592
TRMT1	203701_PM_s_at	1.20128	0.2645725	0.004205	230319_PM_at	---	-1.02013673	6.695207	-4.251935	2.92E-05	0.00044	2.1257115
KCNJ8	205303_PM_at	1.44394	0.5300108	0.004212	231651_PM_at	---	-0.24061898	3.9840096	-4.251097	2.93E-05	0.00044	2.1224489
MEIS3P1	214077_PM_x_at	1.20755	0.2720829	0.00422	218094_PM_s_at	DBNDD2 /// SYS1 /// SYS1-DBNDD2	0.40372374	8.31769596	4.2510761	2.93E-05	0.00044	2.1223688
GIMAP1	236401_PM_at	1.23109	0.2999362	0.00424	236639_PM_at	---	-0.76494294	5.21776008	-4.251011	2.93E-05	0.00044	2.1221139
ITGB8	205816_PM_at	1.24477	0.3158792	0.004259	221014_PM_s_at	RAB33B	0.32101578	5.96601857	4.2506762	2.93E-05	0.00044	2.120813
MAP4K4	206571_PM_s_at	1.22607	0.2940413	0.004273	220024_PM_s_at	PRX	-0.42261714	5.01184326	-4.250268	2.94E-05	0.00044	2.119226
CARM1	212512_PM_s_at	1.29477	0.3726958	0.004278	AFFX-r2-Bs-dap-3_a	---	0.87069456	9.67095688	4.2499554	2.94E-05	0.00044	2.1180091
PRPF19	203103_PM_s_at	1.20645	0.2707681	0.004305	200030_PM_s_at	SLC25A3	-0.19128499	12.1272555	-4.249585	2.95E-05	0.00044	2.1165668
PTPRF	200635_PM_s_at	1.26791	0.3424523	0.004316	214487_PM_s_at	RAP2A /// RAP2B	-0.33730813	5.02563323	-4.249568	2.95E-05	0.00044	2.1165033
COPS8	202142_PM_at	-1.25793	0.3310516	0.004325	227084_PM_at	DTNA	0.59711747	5.79751277	4.2495345	2.95E-05	0.00044	2.1164074
VTN	204534_PM_at	-1.24651	0.3178945	0.004325	209189_PM_at	FOS	0.775503022	5.25215986	4.248991	2.95E-05	0.00044	2.1142585
MAGED4 /// MAGED4B	221261_PM_x_at	1.22265	0.2900115	0.004328	202077_PM_at	NDUFAB1	-0.17420823	11.4273338	-4.248946	2.96E-05	0.00044	2.1140825
TBC1D19	220260_PM_at	-1.24599	0.3172925	0.004334	219516_PM_at	TRPV4	-0.44116983	5.17716679	-4.248631	2.96E-05	0.00044	2.1128587
SRPX2	205499_PM_at	1.41606	0.5018824	0.004335	219176_PM_at	C2orf47	-0.2724812	9.72762316	-4.248056	2.97E-05	0.00044	2.1106249
SERTAD4	229674_PM_at	1.28546	0.3622847	0.004346	212827_PM_at	IGHM	1.17977969	5.21920219	4.2474917	2.97E-05	0.00044	2.1084292
FAM120A	200767_PM_s_at	-1.21104	0.2762465	0.004349	204258_PM_at	CHD1	0.33999823	7.74183378	4.247342	2.98E-05	0.00044	2.1078472
NEDD9	202149_PM_at	1.26025	0.33371	0.00435	237442_PM_at	---	0.56875229	4.2543229	4.2468443	2.98E-05	0.00044	2.1059124
ZNF345	207236_PM_at	1.30726	0.3865461	0.004351	232071_PM_at	IER3P1	-0.21034872	10.5444736	-4.246806	2.98E-05	0.00044	2.1057632
GFM2	225392_PM_at	-1.30545	0.3845472	0.004357	214021_PM_x_at	ITGB5	0.54546493	4.82030359	4.2466372	2.98E-05	0.00044	2.1051074
TXLNA	212300_PM_at	1.23097	0.2997956	0.004362	239376_PM_at	---	0.47041179	5.0644066	4.2463106	2.99E-05	0.00044	2.1038382
ECHDC3	219298_PM_at	-1.26262	0.3364205	0.004377	1560156_PM_at	---	0.37384699	4.35869047	4.2462561	2.99E-05	0.00044	2.1036263
GSN	200696_PM_s_at	-1.6508	0.7231653	0.004386	AFFX-r2-Bs-lys-M_a	---	1.12785129	5.21295299	4.2455292	3.00E-05	0.00044	2.1008013
LOC200030 /// NBPFF11	227926_PM_s_at	1.35704	0.4404632	0.004396	206687_PM_s_at	PTPN6	0.52075646	6.62322663	4.2451489	3.00E-05	0.00045	2.0993235
CSTF1	202190_PM_at	-1.24377	0.3147197	0.004396	214607_PM_at	PAK3	0.24820036	4.18015713	4.2448734	3.01E-05	0.00045	2.0982533
BGN	201261_PM_x_at	1.32658	0.4077117	0.004397	209760_PM_at	KIAA0922	0.52466404	5.0743243	4.2440512	3.02E-05	0.00045	2.0950588
FHIT	206492_PM_at	-1.29127	0.3687907	0.004398	206338_PM_at	ELAVL3	-0.39741912	4.98936994	-4.244039	3.02E-05	0.00045	2.0950119
SGMS2	227038_PM_at	-1.23131	0.300194	0.004398	201093_PM_x_at	SDHA	-0.21853811	10.5837097	-4.244018	3.02E-05	0.00045	2.0949295
PSPH	205048_PM_s_at	-1.26873	0.3433851	0.004398	227016_PM_at	ERICH1	0.44716753	7.45546658	4.2421818	3.04E-05	0.00045	2.0877982
SLC25A11	207088_PM_s_at	-1.20256	0.2661089	0.0044	239063_PM_at	---	0.25041923	3.9587129	4.2419733	3.04E-05	0.00045	2.0869884
UBASH3A	220418_PM_at	1.21315	0.2787579	0.004409	230278_PM_at	---	-0.72225054	6.72333812	-4.24175	3.05E-05	0.00045	2.086123
ASPSCR1	218908_PM_at	-1.21481	0.2807307	0.00441	207836_PM_s_at	RBPMS	0.41369002	7.56902899	4.2402326	3.07E-05	0.00045	2.0802304
KCTD17	205561_PM_at	-1.22246	0.2897873	0.004414	233510_PM_s_at	PARVG	0.44449812	4.12484052	4.2399651	3.07E-05	0.00045	2.0791919
SLC34A1	208177_PM_at	-1.53144	0.6148888	0.004434	219428_PM_s_at	PXMP4	-0.34549454	6.51798315	-4.239877	3.07E-05	0.00045	2.0788509
METTL1	204027_PM_s_at	-1.20931	0.2741841	0.004446	224297_PM_s_at	SPTBN4	-0.29381116	4.57149457	-4.239542	3.07E-05	0.00045	2.0775492
MIRPS10	222522_PM_x_at	-1.30576	0.3848898	0.004471	AFFX-r2-Bs-phe-M	---	1.19827193	5.87076523	4.2385817	3.09E-05	0.00046	2.0738229
EAF2	219551_PM_at	-1.43846	0.5245251	0.004472	238345_PM_at	SLC38A10	-0.37589481	4.21417721	-4.238378	3.09E-05	0.00046	2.0730327
C9orf91	221865_PM_at	1.20387	0.2676796	0.004477	244656_PM_at	RASL10B	-0.48448634	6.37459824	-4.238377	3.09E-05	0.00046	2.0730286
GIMAP8	235306_PM_at	1.27611	0.3517527	0.004489	200783_PM_s_at	STMN1	0.26186991	8.61288273	4.2381985	3.09E-05	0.00046	2.0723359
AGBL5	218480_PM_at	-1.23057	0.2993267	0.004489	211202_PM_s_at	KDM5B	0.29337856	7.47399147	4.2369174	3.11E-05	0.00046	2.067366
DDX58	218943_PM_s_at	1.26535	0.3395365	0.004491	215392_PM_at	---	0.33598914	3.97362643	4.2365714	3.11E-05	0.00046	2.0660239
ZFVVE16	203651_PM_at	1.27783	0.3536959	0.004538	212762_PM_s_at	TCF7L2	0.54406499	5.99674451	4.2364443	3.11E-05	0.00046	2.0655307
MAN1A1	208116_PM_s_at	-1.24113	0.3116542	0.004567	217625_PM_x_at	---	0.50509949	5.83820021	4.236441	3.11E-05	0.00046	2.0655179
SLC25A39	223649_PM_s_at	-1.23793	0.3079297	0.004569	202241_PM_at	TRIB1	0.34035686	8.90703343	4.2364408	3.11E-05	0.00046	2.0655172
TRANK1	213261_PM_at	1.23975	0.3100492	0.00457	200951_PM_s_at	CNCD2	0.51198116	4.34129942	4.2363488	3.12E-05	0.00046	2.0651603
KLK7	205778_PM_at	-1.35508	0.438378	0.004571	206785_PM_s_at	KLRC1 /// KLRC2	0.67922602	4.31767329	4.236312	3.12E-05	0.00046	2.0650179
TMEM49	1569003_PM_at	1.24687	0.3183111	0.004589	230125_PM_at	GUSB	-0.27294256	4.12285961	-4.236062	3.12E-05	0.00046	2.064048
CDH5	204677_PM_at	1.27357	0.3488783	0.00459	203355_PM_s_at	PSD3	0.62318889	5.82381237	4.2355993	3.12E-05	0.00046	2.0622537
YPEL2	227020_PM_at	1.26733	0.3417922	0.004601	1553746_PM_a_at	C12orf64	-1.06579519	5.04337507	-4.235146	3.13E-05	0.00046	2.0604972
IGHM /// LOC652494	215949_PM_x_at	1.32893	0.4102651	0.004616	201998_PM_at	ST6GAL1	0.46386843	9.36072449	4.2351124	3.13E-05	0.00046	2.0603657
AQP1	207542_PM_s_at	-1.23191	0.3008969	0.004623	218648_PM_at	CRTC3	0.26938382	8.23255247	4.2350808	3.13E-05	0.00046	2.0602428
CXADR	203917_PM_at	1.27343	0.3487197	0.004657	1552703_PM_s_at	CARD16 /// CASP1	0.64188376	8.31617432	4.2347222	3.14E-05	0.00046	2.0588526
ARSB	206129_PM_s_at	-1.20211	0.2655689	0.004668	220183_PM_s_at	NUDT6	-0.64111085	7.71946859	-4.234643	3.14E-05	0.00046	2.0585445
ZNF83	221645_PM_s_at	1.23702	0.3068688	0.004671	203830_PM_at	C17orf75	-0.31694913	7.35755886	-4.233479	3.15E-05	0.00046	2.0540336
LOC100132247 /// NPIPL3	211996_PM_s_at	1.2583	0.3314759	0.004685	200808_PM_s_at	ZYX	0.33662777	4.26314731	4.2333935	3.15E-05	0.00046	2.0537016
NAT8L	228880_PM_at	-1.29246	0.3701196	0.004686	204876_PM_at	ZNF646	-0.4188691	4.93130882	-4.233053	3.16E-05	0.00046	2.0523816
C6orf72	225576_PM_at	-1.27333	0.3486064	0.004749	227954_PM_at	ITPR1P2	0.50811117	8.48327727	4.2327778	3.16E-05	0.00046	2.0513149
CDR2L	213230_PM_at	1.23809	0.3081162	0.004753	216707_PM_at	---	-0.29987328	4.35411735	-4.232449	3.17E-05	0.00046	2.0500041
HCFC1R1	218537_PM_at	1.24112	0.3116426	0.004784	232402_PM_at	---	-0.23415277	3.95643071	-4.232374	3.17E-05	0.00046	2.049749

PTPN14	242321_PM_at	1.33201	0.4136049	0.006631	224628_PM_at	ERLEC1	0.19913935	9.63546229	4.187684	3.81E-05	0.00053	1.8773551
PARD6G	227204_PM_at	-1.24005	0.3103983	0.006671	205529_PM_s_at	RUNX1T1	0.76027782	5.77879124	4.1874155	3.82E-05	0.00053	1.8763243
ITGB6	208083_PM_s_at	1.30211	0.3808513	0.006669	206790_PM_s_at	NDUFB1	-0.1981465	11.5667979	-4.186726	3.83E-05	0.00053	1.8736766
SCN1B	205508_PM_at	1.36001	0.4436173	0.006718	230480_PM_at	PIWIL4	0.36134117	4.4027044	4.1864915	3.83E-05	0.00053	1.8727771
FLRT3	219250_PM_s_at	1.23476	0.3042307	0.006728	210466_PM_s_at	SERBP1	0.17008818	10.2232504	4.1863891	3.83E-05	0.00053	1.8723838
LDLRAP1	221790_PM_s_at	1.20885	0.2736352	0.00676	240839_PM_at	---	0.37556137	4.4227474	4.1862031	3.84E-05	0.00053	1.8716699
SLC22A13	207444_PM_at	-1.31541	0.3955125	0.006767	208965_PM_s_at	IFI16	0.83299718	8.16782852	4.1858159	3.84E-05	0.00053	1.8701837
STK19	204090_PM_at	1.20583	0.2700265	0.006781	244337_PM_at	---	-0.64498424	4.62441704	-4.184978	3.86E-05	0.00053	1.8669682
SPP1	209875_PM_s_at	1.20452	0.2684583	0.006795	207238_PM_s_at	PTPRC	1.10167604	6.51208059	4.1843121	3.87E-05	0.00054	1.8644127
LPA /// PLG	209978_PM_s_at	-1.76434	0.8191286	0.006796	219762_PM_s_at	RPL36	0.22014261	11.1106421	4.1841742	3.87E-05	0.00054	1.8638837
ABHD6	221552_PM_at	-1.24306	0.3138959	0.006816	209266_PM_s_at	SLC39A8	-0.42493929	4.67794288	-4.18412	3.87E-05	0.00054	1.8636751
PTPRB	205846_PM_at	-1.2015	0.2648366	0.006821	218335_PM_x_at	TNIP2	0.27915725	8.88308942	4.183769	3.88E-05	0.00054	1.8623289
DAB1 /// OMA1	226020_PM_s_at	-1.30808	0.3874508	0.006821	225181_PM_at	ARID1B	0.29364075	8.1633047	4.183706	3.88E-05	0.00054	1.8620875
LGSN	220393_PM_at	-1.32126	0.4019144	0.006824	234857_PM_at	---	-0.23571084	3.91334324	-4.183427	3.88E-05	0.00054	1.8610169
PGK1	200737_PM_at	-1.20513	0.2691888	0.006825	221501_PM_x_at	LOC339047	0.41157994	10.5017907	4.1834057	3.88E-05	0.00054	1.8609355
CARD8	204950_PM_at	1.22174	0.2889373	0.00683	225133_PM_at	KLF3	0.21450175	8.79530493	4.1828745	3.89E-05	0.00054	1.8588977
ABCC6P1	236205_PM_at	-1.37828	0.462869	0.00683	220675_PM_s_at	PNPLA3	-0.72554458	6.19563808	-4.182292	3.90E-05	0.00054	1.8566641
SUSD1	226264_PM_at	1.21429	0.280113	0.006869	211367_PM_s_at	CASP1	0.84249848	6.60153841	4.1820987	3.90E-05	0.00054	1.8559222
PTPN11	205868_PM_s_at	-1.4637	0.5496199	0.006908	201204_PM_s_at	RRBP1	0.51478823	8.76652247	4.1817955	3.91E-05	0.00054	1.8547594
GPR155	231166_PM_at	-1.29706	0.3752452	0.006939	211729_PM_x_at	BLVRA	0.18936997	9.90944541	4.1815348	3.91E-05	0.00054	1.8537596
EIF2B3	218488_PM_at	-1.21523	0.2812294	0.00694	224851_PM_at	CDK6	0.58928248	6.65459525	4.1813564	3.91E-05	0.00054	1.8530755
ADAMDEC1	206134_PM_at	1.50784	0.5924833	0.006941	228372_PM_at	C10orf128	0.60915472	7.0069712	4.1809418	3.92E-05	0.00054	1.8514859
STK11IP	225713_PM_at	1.20968	0.2746255	0.006942	206477_PM_s_at	NOVA2	-0.2472186	4.34983829	-4.180903	3.92E-05	0.00054	1.8513362
ARL16	234972_PM_at	-1.21721	0.2835781	0.006951	203282_PM_at	GEB1	-0.22402828	10.0809418	-4.180279	3.93E-05	0.00054	1.848946
PCDH10	228635_PM_at	1.4276	0.5135918	0.006974	202603_PM_at	ADAM10	0.29301457	9.70212723	4.1802085	3.93E-05	0.00054	1.8486743
ESM1	208394_PM_x_at	-1.34324	0.4257171	0.006987	201568_PM_at	UQCRCQ	-0.19231989	11.7008973	-4.179363	3.95E-05	0.00054	1.8454335
CXCL13	205242_PM_at	1.55288	0.6349463	0.007006	210511_PM_s_at	INHBA	0.64555553	4.9739785	4.1788287	3.96E-05	0.00054	1.8433854
HLA-DRB1 /// HLA-DRB3 /// HLA-DRB4 /// HLA-DRB5 /// LOC101	215193_PM_x_at	1.42539	0.5113567	0.007016	15959072_PM_a_at	ELFN2	0.30781095	4.08866514	4.1774862	3.98E-05	0.00055	1.8382241
PLEKHF2	218640_PM_s_at	-1.32027	0.400833	0.007021	1552549_PM_a_at	BSND	-0.42806548	5.44245054	-4.177413	3.98E-05	0.00055	1.8379601
COL1A1	202310_PM_s_at	-1.47085	0.5566501	0.007038	208921_PM_s_at	SRI	0.18878923	10.2490277	4.1769583	3.99E-05	0.00055	1.8362184
PPARG	208510_PM_s_at	-1.237	0.3068455	0.007044	226320_PM_at	THOC4	0.27844852	8.35255317	4.1765731	3.99E-05	0.00055	1.8347428
HNF1B	205313_PM_at	1.25205	0.3242922	0.007058	229225_PM_at	NRP2	0.28944418	3.86681681	4.1762962	4.00E-05	0.00055	1.833682
BAT2L1	212068_PM_s_at	1.24637	0.3177324	0.007095	211794_PM_at	FBY	0.60294661	4.3508356	4.1762115	4.00E-05	0.00055	1.8333576
KIAA0754	215268_PM_at	1.34814	0.4309703	0.007127	212459_PM_x_at	SUCLG2	-0.28171678	10.8141923	-4.175661	4.01E-05	0.00055	1.8312482
FAM105A	214947_PM_at	1.23352	0.3027811	0.007174	213537_PM_at	HLA-DPA1	0.89422124	7.48588208	4.1751196	4.02E-05	0.00055	1.8291755
BB3	211692_PM_s_at	-1.26169	0.3353575	0.007176	224578_PM_at	RC2	0.29062613	8.59862305	4.1748897	4.02E-05	0.00055	1.8282951
GPR34	223620_PM_at	1.58029	0.6601893	0.007177	1557099_PM_at	---	-0.26484721	4.73424098	-4.1743	4.03E-05	0.00055	1.8260361
SS18	202816_PM_s_at	-1.22438	0.2920514	0.007222	202497_PM_x_at	SLC2A3	0.51915833	5.16642897	4.1741687	4.03E-05	0.00055	1.8255345
KRT23	218963_PM_s_at	1.29114	0.3686454	0.007229	226048_PM_at	MAPK8	-0.33163648	7.69035938	-4.17399	4.04E-05	0.00055	1.8248509
C8orf82	226710_PM_at	-1.20628	0.2705648	0.007254	238657_PM_at	UBXN10	0.27527303	4.20790428	4.1739422	4.04E-05	0.00055	1.824667
TMEM33	218465_PM_at	-1.20318	0.2668525	0.007271	234881_PM_at	---	-0.53334385	5.26382528	-4.173902	4.04E-05	0.00055	1.8245136
METT10D	220797_PM_at	1.25553	0.3282965	0.007282	225987_PM_at	STEAP4	0.91303452	7.85683315	4.1730857	4.05E-05	0.00055	1.8213883
SFMBT2	227210_PM_at	1.23795	0.307953	0.007364	230422_PM_at	FR3	0.74888689	5.78848533	4.1728719	4.05E-05	0.00055	1.8205697
LSR	208190_PM_s_at	1.21874	0.2853904	0.007366	207713_PM_s_at	RBCK1	0.36351717	7.18192869	4.1727204	4.06E-05	0.00055	1.8199899
ASPHD2	227014_PM_at	1.24373	0.3146733	0.007375	205387_PM_s_at	CGB /// CGB5	-0.24249877	4.052936	-4.172646	4.06E-05	0.00055	1.8197065
THAP6	227813_PM_at	-1.26282	0.336649	0.007393	211633_PM_x_at	IGH@ /// IGH A1 /// IGH A2 /// IGH G1 /// IGH G3 /// IGH M /// IGH	1.11892065	4.62701274	4.1724138	4.06E-05	0.00056	1.8188164
ABCC3	208161_PM_s_at	1.24709	0.3185656	0.007397	202298_PM_at	NDUFA1	-0.16128487	11.80117145	-4.172294	4.06E-05	0.00056	1.8183567
MGC39372	239186_PM_at	1.21695	0.2832699	0.007398	216344_PM_at	MHP4	-0.27146337	4.08816915	-4.170993	4.09E-05	0.00056	1.8133803
UNC93A	214382_PM_at	-1.25155	0.3237159	0.007483	211821_PM_x_at	GVPA	-0.30441268	3.99779187	-4.170781	4.09E-05	0.00056	1.8125676
LOC147727	235014_PM_at	-1.32777	0.4090053	0.007486	45653_PM_at	KCTD13	0.33963876	4.34282053	4.1706302	4.09E-05	0.00056	1.8119912
TNPO3	212317_PM_at	1.26372	0.3376768	0.007514	233124_PM_s_at	ECHDC1	-0.43430972	8.67707729	-4.169664	4.11E-05	0.00056	1.8082968
TIMP4	206243_PM_at	1.27276	0.3479604	0.007515	229702_PM_at	CSNK1G3	-0.16984606	3.59808967	-4.169189	4.12E-05	0.00056	1.8064774
TKT	208699_PM_x_at	1.26193	0.3356319	0.007516	202375_PM_at	SEC24D	0.49511475	6.54022467	4.1691567	4.12E-05	0.00056	1.8063546
C6orf105	215100_PM_at	-1.23483	0.3043124	0.007518	225156_PM_at	ELOF1	0.25883971	8.8349363	4.169029	4.12E-05	0.00056	1.8058662
RPS6KA5	204635_PM_at	1.2109	0.2760797	0.007531	206827_PM_s_at	TRPV6	-0.34339528	5.626751	-4.168916	4.12E-05	0.00056	1.8054329
SH3BGR	204979_PM_s_at	-1.36364	0.4474628	0.007531	226705_PM_at	GFGR1	0.31598374	7.6827397	4.16865	4.13E-05	0.00056	1.8044167
ADH6	207544_PM_s_at	-1.39731	0.4826521	0.007657	230525_PM_at	LOC283875	-0.47440714	5.46249795	-4.167887	4.14E-05	0.00056	1.8014999
GALNT12	218885_PM_s_at	-1.24372	0.3146617	0.007702	208130_PM_s_at	TBXAS1	0.46467573	4.65255916	4.1671047	4.15E-05	0.00056	1.7985076
SF3A2	37462_PM_i_at	1.40519	0.4907652	0.007722	AFFX-PheX-5_at	---	1.04019792	5.33078002	4.1667017	4.16E-05	0.00057	1.7969672
FBXO45	225099_PM_at	1.21616	0.282333	0.007723	206420_PM_at	IGSF6	0.94699826	6.1763793	4.1666987	4.16E-05	0.00057	1.7969557
SLC7A13	238287_PM_at	-2.2753	1.1860568	0.007781	227562_PM_at	MAPKSP1	-0.34615077	8.0689258	-4.166295	4.17E-05	0.00057	1.7954136
PLCL2	213309_PM_at	-1.45544	0.5414554	0.007819	244548_PM_at	---	0.47314118	5.31257094	4.1661075	4.17E-05	0.00057	1.7946957
PHKA1	205450_PM_at	-1.20426	0.2681469	0.007827	218192_PM_at	IP6K2	0.25991631	7.78903514	4.1660564	4.17E-05	0.00057	1.7945003
HSD17B6	205700_PM_at	1.31611	0.3962801	0.007859	238423_PM_at	SVTL3	0.36312663	5.20234556	4.1651291	4.19E-05	0.00057	1.7909562
PTX3	206157_PM_at	1.36096	0.4446247	0.007865	202158_PM_s_at	CELF2	0.74564879	5.50092699	4.164662	4.19E-05	0.00057	1.7891714

TLR1	210176_PM_at	1.22838	0.2967569	0.009444	208644_PM_at	PARP1	0.24351365	8.19516381	4.1359737	4.72E-05	0.00063	1.6798799
C20orf108	224693_PM_at	-1.27221	0.3473368	0.009475	209675_PM_s_at	HNRNPUL1	0.32470226	7.30007099	4.1355914	4.73E-05	0.00063	1.6784281
ADSS	221761_PM_at	1.25742	0.3304666	0.009483	242601_PM_at	HEPACAM2	-0.86191752	7.1222529	-4.135465	4.73E-05	0.00063	1.6779477
HLA-DRB4	209728_PM_at	1.68783	0.7551696	0.009495	44040_PM_at	FBXO41	0.25341167	3.80577354	4.1353131	4.73E-05	0.00063	1.677371
RBM34	212591_PM_at	-1.22643	0.2944649	0.009504	241357_PM_at	MAPK15	-0.26034174	4.14790049	-4.134999	4.74E-05	0.00063	1.6761782
TM7SF3	217974_PM_at	-1.20822	0.2728832	0.009508	1559355_PM_at	NXPH2	-0.26997899	4.06724572	-4.134955	4.74E-05	0.00063	1.6760123
CHDH	229502_PM_at	-1.26593	0.3401976	0.009524	207236_PM_at	ZNF345	0.46150017	4.92510232	4.1342934	4.75E-05	0.00063	1.6734992
ZNF580	220748_PM_s_at	1.23982	0.3101307	0.009557	1552766_PM_at	HS65T2	-0.3939788	3.71738533	-4.134019	4.76E-05	0.00063	1.6724575
ATHL1	219359_PM_at	1.31454	0.394558	0.009572	229429_PM_x_at	LOC728855	0.32619945	9.68312817	4.1338415	4.76E-05	0.00063	1.6717834
ZNF160	214715_PM_x_at	1.21257	0.278068	0.00959	209448_PM_at	HTATIP2	0.33370551	9.07556036	4.1335497	4.76E-05	0.00063	1.6706757
TNFRSF11B	204932_PM_at	1.29434	0.3722166	0.009598	230405_PM_at	C5orf56	0.40713297	8.21234437	4.1328577	4.78E-05	0.00063	1.6680491
PCDH17	205656_PM_at	1.22104	0.2881105	0.009709	238723_PM_at	ATXN3	0.54123675	4.91859696	4.1323	4.79E-05	0.00063	1.6659322
PRICKLE1	226065_PM_at	1.2105	0.2756031	0.009742	206211_PM_at	SELE	0.67461031	4.45545509	4.1322682	4.79E-05	0.00063	1.6658115
UPB1	220507_PM_s_at	-1.40611	0.4917095	0.009743	216958_PM_s_at	IVD	-0.39116708	8.92784145	-4.132164	4.79E-05	0.00063	1.665416
EDNRB	204271_PM_s_at	1.3012	0.3798427	0.009766	217032_PM_at	FOXO4 /// FOXD4L1	-0.44490033	4.80604247	-4.132074	4.79E-05	0.00063	1.6650749
EFHC1	219833_PM_s_at	1.24624	0.3175819	0.00981	223316_PM_at	CCDC3	0.64785	7.15358238	4.1319749	4.80E-05	0.00063	1.6646987
NT5E	203939_PM_at	-1.26066	0.3341792	0.009839	230247_PM_at	---	-0.28001579	4.31644695	-4.131705	4.80E-05	0.00063	1.6636744
LG12	219699_PM_at	-1.21	0.275007	0.009887	1553583_PM_a_at	THRSP	-0.42935783	4.72413961	-4.131665	4.80E-05	0.00063	1.6635232
FARSB /// TRIM61	232063_PM_x_at	1.24081	0.3112822	0.009913	228297_PM_at	---	0.36315773	9.04712885	4.1315509	4.80E-05	0.00063	1.6630898
CNN1	203951_PM_at	1.5022	0.5870769	0.009934	224282_PM_s_at	AGPAT3	-0.53242887	5.45598746	-4.131279	4.81E-05	0.00063	1.6620576
HOXB6	205366_PM_s_at	1.21141	0.2766872	0.009961	214041_PM_x_at	RPL37A	0.77788418	7.87268584	4.1309057	4.82E-05	0.00063	1.6606415
ZNF117	207605_PM_x_at	1.20916	0.2740052	0.010022	203913_PM_s_at	HPGD	-0.85078012	8.0208205	-4.1307	4.82E-05	0.00063	1.6598609
TRAF3IP3	205804_PM_s_at	1.29249	0.3701531	0.010022	218849_PM_s_at	PPP1R13L	0.39053397	5.30095576	4.1295616	4.84E-05	0.00064	1.655543
APOE	203381_PM_s_at	-1.27076	0.3456916	0.010088	AFFX-LyxK-3_at	---	1.07775744	6.4034596	4.1293125	4.85E-05	0.00064	1.654598
AIFM1	205512_PM_s_at	-1.27241	0.3475636	0.010163	236775_PM_s_at	---	-0.43404828	4.38846055	-4.129304	4.85E-05	0.00064	1.6545643
SRPX	204955_PM_at	1.60599	0.6834629	0.010174	239700_PM_at	ZNF710	-0.27059674	4.31452792	-4.128456	4.87E-05	0.00064	1.6513482
CD109	226545_PM_at	-1.2126	0.2781037	0.010196	202675_PM_at	SDHB	-0.37240965	10.3596846	-4.128345	4.87E-05	0.00064	1.6509302
INSR	207851_PM_s_at	-1.2801	0.3562565	0.010203	222228_PM_s_at	ALKBH4	-0.29332323	4.74819964	-4.128234	4.87E-05	0.00064	1.6505069
PPAPDC3	224506_PM_s_at	-1.29407	0.3719157	0.01025	219091_PM_s_at	MMRN2	0.42655263	7.84270286	4.1281156	4.87E-05	0.00064	1.6500591
RAPGEF6	230078_PM_at	1.21004	0.2750547	0.010252	232234_PM_at	SLA2	0.39746552	3.95071655	4.1278971	4.88E-05	0.00064	1.6492309
HYAL1	210619_PM_s_at	-1.21174	0.2770802	0.010278	240552_PM_at	---	0.28358849	4.01487359	4.1274102	4.89E-05	0.00064	1.6473847
USP2	207211_PM_at	-1.37384	0.458214	0.010286	233699_PM_at	---	-0.34131798	4.58187374	-4.127235	4.89E-05	0.00064	1.6467191
PIGH	209625_PM_at	-1.21532	0.2813362	0.010301	243296_PM_at	NAMPT	0.71192577	5.60450223	4.1272049	4.89E-05	0.00064	1.6466063
ASS1	207076_PM_s_at	-1.25632	0.329204	0.010326	214805_PM_at	EIF4A1	0.4789901	4.8611304	4.1271571	4.89E-05	0.00064	1.6464251
KNJ2	206765_PM_at	1.32142	0.4020891	0.010327	213690_PM_s_at	---	-0.49163094	5.92449392	-4.126263	4.91E-05	0.00064	1.643036
ASPH	205808_PM_at	-1.24045	0.3108636	0.010327	233983_PM_at	TGM6	-0.16010157	3.81679848	-4.125899	4.92E-05	0.00064	1.6416552
SCNN1B	205464_PM_at	-1.26568	0.3399127	0.010339	210046_PM_s_at	IDH2	-0.44694524	10.1450732	-4.125875	4.92E-05	0.00064	1.6415661
DHTKD1	209916_PM_at	-1.20496	0.2689853	0.010352	207573_PM_x_at	ATPSL	-0.14480089	11.4844195	-4.125847	4.92E-05	0.00064	1.6414601
ITLN1	223597_PM_at	-1.80647	0.8531733	0.010353	1557632_PM_at	---	0.57667335	4.54084952	4.1254824	4.92E-05	0.00064	1.6400776
FAM115A	204403_PM_x_at	1.25597	0.328802	0.010385	219423_PM_x_at	TNFRSF25	0.43807699	4.14388409	4.1253191	4.93E-05	0.00064	1.6394588
LYG1	236706_PM_at	1.37266	0.4569743	0.010387	204036_PM_at	LPAR1	0.6517818	6.87096607	4.1251595	4.93E-05	0.00064	1.6388542
FREM2	230964_PM_at	-1.27116	0.3461456	0.010406	225102_PM_at	MGLL	0.26341947	9.62601016	4.1251372	4.93E-05	0.00064	1.6387695
LRRK2	229584_PM_at	1.23682	0.3066356	0.010424	221558_PM_s_at	LEF1	0.74189543	6.16980865	4.1246527	4.94E-05	0.00065	1.6369339
LOC346887	235205_PM_at	-1.22173	0.2889255	0.010424	243565_PM_at	CCDC150	-0.43349665	5.36212858	-4.124224	4.95E-05	0.00065	1.6353088
ITGA6	201656_PM_at	-1.23357	0.3028396	0.010428	203735_PM_x_at	PFFBP1	0.39869133	7.92183922	4.1235364	4.96E-05	0.00065	1.6327047
LOC220930	229090_PM_at	1.20297	0.2666007	0.010467	216109_PM_at	MED13L	0.43579672	4.26179936	4.1235203	4.96E-05	0.00065	1.6326438
BHMT	206119_PM_at	-1.26798	0.342532	0.010474	220985_PM_s_at	RNF170	-0.25618658	7.66295415	-4.123283	4.97E-05	0.00065	1.6317437
LOC389332	237450_PM_at	-1.28834	0.3655134	0.010506	241483_PM_at	---	-0.6259782	4.89004785	-4.122892	4.98E-05	0.00065	1.6302632
TMEM2	218113_PM_at	1.21491	0.2808494	0.010508	213121_PM_at	SNRNP70	-0.25307049	4.18018646	-4.122584	4.98E-05	0.00065	1.6290977
THAP9	230185_PM_at	-1.23617	0.3058772	0.01054	216608_PM_at	LOC26102	-0.26909705	4.12736664	-4.122507	4.98E-05	0.00065	1.6288066
MXRA8	213422_PM_s_at	1.20569	0.269859	0.010543	216542_PM_x_at	IGHA1 /// IGHG1 /// IGHM /// LOC100290293	0.71273913	4.42786772	4.1222005	4.99E-05	0.00065	1.6276451
ZCCHC24	212419_PM_at	1.20555	0.2696915	0.010571	227145_PM_at	LOXL4	0.43698623	5.72903742	4.1217092	5.00E-05	0.00065	1.6257844
ACY3	230481_PM_at	-1.28861	0.3658157	0.010575	231278_PM_at	---	-0.19688117	3.82655782	-4.121496	5.01E-05	0.00065	1.624977
CLINT1	201768_PM_s_at	-1.22492	0.2926875	0.010596	1554769_PM_at	ZNF785	0.38097428	4.29664918	4.1213743	5.01E-05	0.00065	1.6245162
C5orf56	230405_PM_at	1.20869	0.2734443	0.010623	203842_PM_s_at	MAPRE3	-0.42156657	5.89398398	-4.121332	5.01E-05	0.00065	1.6243565
C11orf17 /// NUAK2	220987_PM_s_at	1.25475	0.3273999	0.010665	240861_PM_at	---	0.61413192	5.47805778	4.1209333	5.02E-05	0.00065	1.6228466
CTS2	210042_PM_s_at	1.21582	0.2819297	0.010677	237105_PM_at	---	0.30664109	4.50367515	4.1207303	5.02E-05	0.00065	1.6220783
ST6GALNAC3	235334_PM_at	-1.29016	0.36755	0.010684	243267_PM_x_at	---	-0.38461976	4.69325453	-4.120544	5.03E-05	0.00065	1.6213748
APOC1	204416_PM_x_at	1.39093	0.4760498	0.010773	213725_PM_x_at	XVLT1	0.53807954	5.50331452	4.1202723	5.03E-05	0.00065	1.6203443
MIOX	224179_PM_s_at	-1.43304	0.5190789	0.010813	209152_PM_s_at	TCF3	0.35450484	5.27528259	4.1194437	5.05E-05	0.00065	1.6172079
ACE	209749_PM_s_at	-1.23752	0.3074518	0.010815	238771_PM_at	---	0.29140793	4.31487422	4.1193701	5.05E-05	0.00065	1.6169297
ORMDL1	223187_PM_s_at	1.2601	0.3335382	0.010843	229064_PM_s_at	RCAN3	0.37294609	4.07229356	4.1185587	5.07E-05	0.00066	1.6138589
ANKRD36	214723_PM_x_at	1.29746	0.3756901	0.010903	214342_PM_at	ATXN7L1	-0.71341554	6.41761478	-4.118536	5.07E-05	0.00066	1.6137716
LOC10431 /// TIMM23 /// TIMM23B	218119_PM_at	-1.35266	0.4357993	0.010942	213618_PM_at	ARAP2	0.51182014	6.6127428	4.1185197	5.07E-05	0.00066	1.6137112
OLFM1	205591_PM_at	1.27538	0.3509272	0.010948	228139_PM_at	RIPK3	0.32761464	4.98300888	4.1179718	5.08E-05	0.00066	1.6116381

UGT2B28	211682_PM_x_at	-1.20984	0.2748163	0.042339	200766_PM_at	CTSD	0.47848898	8.38738353	3.9988624	8.21E-05	0.00094	1.1667342
PKIB	223551_PM_at	1.20143	0.2647526	0.042353	213078_PM_x_at	LPCAT4	0.27283375	4.4617194	3.9987119	8.22E-05	0.00094	1.1661794
FGF7	205782_PM_at	1.3119	0.3916578	0.042378	227354_PM_at	PAG1	0.53795184	5.23604817	3.9987039	8.22E-05	0.00094	1.16615
CYP4F3	206515_PM_at	-1.25897	0.3322439	0.042606	202443_PM_x_at	NOTCH2	0.30563281	9.67227667	3.998649	8.22E-05	0.00094	1.1659478
TNNI3K	220415_PM_at	-1.25846	0.3316594	0.042993	200771_PM_at	LAMC1	0.33890617	9.64421137	3.9986322	8.22E-05	0.00094	1.1658856
FMO1	205666_PM_at	-1.20789	0.2724891	0.043138	203132_PM_at	RB1	0.22360174	8.95357758	3.9980496	8.24E-05	0.00094	1.1637379
ANXA13	208323_PM_s_at	-1.27797	0.353854	0.043195	202028_PM_s_at	RPL38	0.48018896	8.95637222	3.9971886	8.27E-05	0.00094	1.1605645
PIPOX	221605_PM_s_at	-1.26297	0.3368204	0.043718	200043_PM_at	ERH	0.14617031	11.3055416	3.9962176	8.30E-05	0.00094	1.1569862
TFAP2B	214451_PM_at	1.23562	0.3052351	0.043857	220678_PM_at	FUJ20712	-0.17423933	3.89383035	-3.996071	8.30E-05	0.00094	1.1564461
MFAP5	209758_PM_s_at	-1.61249	0.6892902	0.043993	201407_PM_s_at	PPP1CB	0.23008447	9.82767567	3.9959169	8.31E-05	0.00094	1.1558784
SLC2A9	219991_PM_at	-1.27746	0.3532781	0.04412	208655_PM_at	---	0.20143498	11.1774584	3.9958463	8.31E-05	0.00094	1.1556182
TPPP3	218876_PM_at	-1.21149	0.2767825	0.044261	1559083_PM_x_at	LOC284600	-0.2957237	5.16341618	-3.995723	8.31E-05	0.00094	1.1551633
CUBN	206775_PM_at	-1.23147	0.3003815	0.044598	237226_PM_at	---	-0.83990909	6.71489529	-3.995662	8.32E-05	0.00094	1.1549389
ACSM2A /// ACSM2B	241914_PM_s_at	-1.25569	0.3284803	0.044956	225129_PM_at	CPN2	0.35934259	6.9404994	3.9954863	8.32E-05	0.00094	1.1542922
MURC	241749_PM_at	-1.34513	0.4277456	0.045197	201471_PM_s_at	SQSTM1	0.17774353	10.9596251	3.9954616	8.32E-05	0.00094	1.154201
IL6ST	204863_PM_s_at	1.25636	0.3292499	0.045321	228152_PM_s_at	DDX60L	0.65133967	6.24154468	3.9953051	8.33E-05	0.00094	1.1536246
GTF2H2	223758_PM_s_at	-1.26582	0.3400723	0.046009	1566003_PM_x_at	---	-0.34732753	4.94586221	-3.995216	8.33E-05	0.00094	1.1532971
TM6SF1	219892_PM_at	1.22188	0.2891026	0.046031	213485_PM_s_at	ABCC10	0.35751058	7.53262671	3.9940203	8.37E-05	0.00095	1.1488921
PROC	206259_PM_at	-1.20023	0.2633109	0.04644	236470_PM_at	---	0.29845295	4.23746983	3.9939303	8.37E-05	0.00095	1.1485607
HSPB3	206375_PM_s_at	-1.42032	0.506216	0.04658	234280_PM_at	REG3A	-0.33906058	4.05964112	-3.993655	8.38E-05	0.00095	1.1475452
HMOX1	203665_PM_at	1.21055	0.2756627	0.046612	208209_PM_s_at	CABPB	-0.17745211	4.17396402	-3.993585	8.39E-05	0.00095	1.1472892
BPI	205557_PM_at	-1.31668	0.3969048	0.046617	210145_PM_at	PLA2G4A	0.57219628	6.66285587	3.993503	8.39E-05	0.00095	1.1469872
FSTL1	208782_PM_at	1.20793	0.2725369	0.046735	208950_PM_s_at	ALDH7A1	-0.43725452	9.84646821	-3.993249	8.40E-05	0.00095	1.1460506
A1CF	220951_PM_s_at	-1.24799	0.3196064	0.047885	216911_PM_s_at	HIC2	-0.24986971	3.84846135	-3.993196	8.40E-05	0.00095	1.1458575
RAB25	218186_PM_at	1.22359	0.2911202	0.047999	217605_PM_at	USP27X	0.22007176	3.7982811	3.9922672	8.43E-05	0.00095	1.1424368
ALX1	206837_PM_at	1.21949	0.2862779	0.048348	229721_PM_x_at	DERL3	0.75176474	4.32819247	3.9919148	8.44E-05	0.00095	1.1411397
XAF1	206133_PM_at	1.31872	0.3991383	0.048644	235056_PM_at	ETV6	0.48019623	6.46899247	3.991792	8.45E-05	0.00095	1.1406877
AOX1	205082_PM_s_at	-1.25339	0.3258354	0.048853	218453_PM_s_at	C6orf35	-0.27657875	6.73104528	-3.991568	8.45E-05	0.00096	1.1398644
SLC22A6	210343_PM_s_at	-1.27183	0.3469058	0.048853	205982_PM_x_at	SFTPC	-0.16527528	3.74590781	-3.991481	8.46E-05	0.00096	1.1395425
RBP7	238066_PM_at	-1.22146	0.2886066	0.049319	206735_PM_at	CHRNA4	-0.18401266	3.80222565	-3.991427	8.46E-05	0.00096	1.1393442
ARFGEF1	202955_PM_s_at	-1.21464	0.2805288	0.049481	212705_PM_x_at	LOC100293124 /// PNPLA2	-0.44186521	5.49996874	-3.990961	8.47E-05	0.00096	1.1376272
OAS1	202869_PM_at	1.20488	0.2688895	0.049585	226325_PM_at	ADSSL1	-0.73868397	8.63892088	-3.99096	8.47E-05	0.00096	1.1376269
CD46	207549_PM_x_at	-1.27767	0.3535153	0.049945	218445_PM_at	H2AFY2	0.31510699	6.76147113	3.9908541	8.48E-05	0.00096	1.1372357
	240595_PM_at	---	---	---	1554321_PM_a_at	NFS1	-0.27076343	5.08976986	-3.99077	8.48E-05	0.00096	1.1369265
	244477_PM_at	---	---	---	244477_PM_at	SLC12A3	-0.61398123	4.81994491	-3.990593	8.49E-05	0.00096	1.1362765
	204222_PM_s_at	---	---	---	204222_PM_s_at	GLIPR1	-0.32368802	4.86401355	-3.989965	8.51E-05	0.00096	1.1339633
	201813_PM_s_at	---	---	---	201813_PM_s_at	TBC1D5	0.84749919	6.16073492	3.9898326	8.51E-05	0.00096	1.1334765
	232764_PM_at	---	---	---	232764_PM_at	CCNB2	0.31140121	9.05104559	3.9895017	8.52E-05	0.00096	1.1322591
	230528_PM_s_at	---	---	---	230528_PM_s_at	MGC2752	-0.1866036	3.70442893	-3.989473	8.52E-05	0.00096	1.1321525
	1557172_PM_x_at	---	---	---	1557172_PM_x_at	NEK8	0.36231331	7.65318348	3.989219	8.53E-05	0.00096	1.1312192
	225379_PM_at	---	---	---	225379_PM_at	MAPT	0.33101059	5.50709433	3.9890261	8.54E-05	0.00096	1.1305094
	234695_PM_x_at	---	---	---	234695_PM_x_at	FAM22B	-0.69995905	7.52073125	-3.988859	8.55E-05	0.00096	1.1298937
	218185_PM_s_at	---	---	---	218185_PM_s_at	ARMC1	-0.38217947	4.80078375	-3.988559	8.56E-05	0.00096	1.1287929
	226051_PM_at	---	---	---	226051_PM_at	SELM	-0.25644047	8.51672072	-3.988553	8.56E-05	0.00096	1.128768
	209123_PM_at	---	---	---	209123_PM_at	QDPR	0.4000717	9.25097686	3.9878198	8.58E-05	0.00096	1.1260724
	236366_PM_at	---	---	---	236366_PM_at	LOC440149	-0.4753105	10.6686628	-3.987461	8.59E-05	0.00097	1.1247525
	212596_PM_s_at	---	---	---	212596_PM_s_at	HMGXB4	0.16726601	3.61368212	3.9870375	8.61E-05	0.00097	1.1231956
	214208_PM_at	---	---	---	214208_PM_at	KLHL35	0.34065429	7.54767656	3.9863927	8.63E-05	0.00097	1.1208246
	204890_PM_s_at	---	---	---	204890_PM_s_at	LCK	-0.18843829	3.93606407	-3.984025	8.71E-05	0.00098	1.1121205
	203066_PM_at	---	---	---	203066_PM_at	CHST15	0.7124645	4.66687264	3.9832378	8.74E-05	0.00098	1.1092293
	207142_PM_at	---	---	---	207142_PM_at	KCNJ3	0.5484274	7.94747005	3.9827833	8.75E-05	0.00098	1.1075597
	205712_PM_at	---	---	---	205712_PM_at	PTPRD	-0.33394282	4.00505536	-3.98206	8.78E-05	0.00098	1.1049024
	229126_PM_at	---	---	---	229126_PM_at	TMEM19	-0.49521793	5.04460038	-3.981768	8.79E-05	0.00099	1.1038285
	202627_PM_s_at	---	---	---	202627_PM_s_at	SERPINE1	-0.25471228	9.42611036	-3.981755	8.79E-05	0.00099	1.103782
	205290_PM_s_at	---	---	---	205290_PM_s_at	BMP2	0.71207254	4.89872728	3.981216	8.81E-05	0.00099	1.1018029
	203609_PM_s_at	---	---	---	203609_PM_s_at	ALDH5A1	0.50388316	6.30809053	3.9811004	8.81E-05	0.00099	1.1013782
	223394_PM_at	---	---	---	223394_PM_at	SERTAD1	-0.575265	5.85091567	-3.980021	8.85E-05	0.00099	1.0974137
	239453_PM_at	---	---	---	239453_PM_at	---	0.35763589	7.25629916	3.9799766	8.85E-05	0.00099	1.0972518
	207169_PM_x_at	---	---	---	207169_PM_x_at	DDR1	0.416297	4.31908781	3.9796579	8.86E-05	0.00099	1.0960818
	212363_PM_x_at	---	---	---	212363_PM_x_at	ACTG1	0.44549253	9.16672936	3.9792502	8.88E-05	0.00099	1.0945854
	219790_PM_s_at	---	---	---	219790_PM_s_at	NPR3	0.18885963	11.9435848	3.9791571	8.88E-05	0.00099	1.0942435
	219967_PM_at	---	---	---	219967_PM_at	MRM1	-0.9801604	7.23993026	-3.978231	8.91E-05	0.001	1.0908434
	211130_PM_x_at	---	---	---	211130_PM_x_at	EDA	-0.25300579	4.97211319	-3.977892	8.93E-05	0.001	1.0896001
	227645_PM_at	---	---	---	227645_PM_at	PIK3R5	-0.26451483	4.75193384	-3.977416	8.94E-05	0.001	1.0878533
		---	---	---			0.51849187	5.18350386	3.9772089	8.95E-05	0.001	1.0870938

217264_PM_s_at	SCNN1A	-0.44490187	5.96327775	-3.976729	8.97E-05	0.001	1.0853334
203060_PM_s_at	PAPSS2	0.2637181	9.86254487	3.9767285	8.97E-05	0.001	1.0853311
1569344_PM_a_at	---	0.4921433	4.04025541	3.9759144	9.00E-05	0.001	1.0823449
1565976_PM_at	---	0.31871913	3.93639667	3.9745014	9.05E-05	0.00101	1.0771628
201058_PM_s_at	MYL9	0.60447313	7.50062926	3.9743035	9.05E-05	0.00101	1.0764371
201864_PM_at	GDI1	0.32616828	7.90089832	3.9742164	9.06E-05	0.00101	1.0761177
200659_PM_s_at	PHB	-0.3797028	9.28842064	-3.97346	9.08E-05	0.00101	1.0733455
219529_PM_at	CLIC3	0.27590109	3.61991043	3.9729843	9.10E-05	0.00101	1.0716007
229148_PM_at	---	-0.25101461	4.12666678	-3.972853	9.11E-05	0.00101	1.0711201
218008_PM_at	C7orf42	0.21275037	8.71094309	3.9727249	9.11E-05	0.00101	1.0706498
220740_PM_s_at	SLC12A6	-0.53618962	5.30768901	-3.97267	9.11E-05	0.00101	1.0704482
221795_PM_at	NTRK2	0.53672716	4.27046169	3.9726556	9.11E-05	0.00101	1.0703957
37028_PM_at	PPP1R15A	0.35347385	5.96159958	3.9726523	9.11E-05	0.00101	1.0703836
200761_PM_s_at	ARL6IP5	0.21599641	10.972612	3.9725778	9.12E-05	0.00101	1.0701107
214835_PM_s_at	SUCLG2	-0.2390998	9.98666802	-3.972476	9.12E-05	0.00101	1.0697365
1560397_PM_s_at	KLHL6	0.35117231	4.71415234	3.971695	9.15E-05	0.00102	1.0668752
220404_PM_at	GPR97	-0.19528984	3.66466326	-3.971228	9.17E-05	0.00102	1.0651634
240378_PM_at	---	-0.78112357	6.97206556	-3.970985	9.17E-05	0.00102	1.0642744
214128_PM_at	DAGLA	-0.23469173	4.04367581	-3.970614	9.19E-05	0.00102	1.0629152
241795_PM_at	RHEB	-0.43338244	5.50291577	-3.970439	9.19E-05	0.00102	1.0622719
221919_PM_at	HNRNPA1	0.5824053	6.21156283	3.9704178	9.20E-05	0.00102	1.0621955
222820_PM_at	TNRC6C	0.35765946	6.17769802	3.9700071	9.21E-05	0.00102	1.0606908
208962_PM_s_at	FADS1	0.40736207	5.39083932	3.9695837	9.23E-05	0.00102	1.0591401
1561502_PM_x_at	CTU2	-0.23523495	3.97863508	-3.969191	9.24E-05	0.00102	1.0577007
224430_PM_s_at	MTO1	-0.52612006	7.2597299	-3.969112	9.24E-05	0.00102	1.0574112
203130_PM_s_at	KIF5C	0.46931238	4.49669211	3.9681012	9.28E-05	0.00103	1.0537108
225733_PM_at	B3GALT6	0.2369967	7.26808493	3.9675673	9.30E-05	0.00103	1.0517558
214177_PM_s_at	PBXIP1	0.26833042	8.16923847	3.9674185	9.31E-05	0.00103	1.0512109
203517_PM_at	MTX2	-0.26145974	9.57161394	-3.967078	9.32E-05	0.00103	1.0499652
220598_PM_at	CARD14	-0.19880932	3.84806107	-3.966647	9.33E-05	0.00103	1.0483885
242857_PM_at	---	0.25606452	3.99299857	3.9661859	9.35E-05	0.00104	1.0466991
211919_PM_s_at	CXCR4	0.93969785	5.77941695	3.9659915	9.36E-05	0.00104	1.0459875
222818_PM_at	OSBPL10	-0.16626269	3.74189779	-3.965023	9.39E-05	0.00104	1.0424424
221764_PM_at	C19orf22	0.46477914	6.58288522	3.9649837	9.40E-05	0.00104	1.0422994
213051_PM_at	Z3HAV1	0.25066363	9.71341218	3.9645071	9.41E-05	0.00104	1.0405556
203293_PM_s_at	LMAN1	-0.32882075	4.52387388	-3.964403	9.42E-05	0.00104	1.0401736
212697_PM_at	FAM134C	0.58481943	7.96637023	3.9637018	9.44E-05	0.00104	1.0376097
232422_PM_at	A2LD1	-0.86127321	9.14937413	-3.963348	9.46E-05	0.00104	1.0363154
243397_PM_at	---	-0.21514077	4.37924107	-3.962962	9.47E-05	0.00105	1.0349038
1568934_PM_at	CX3CR1	0.33165414	4.2543993	3.9629398	9.47E-05	0.00105	1.0348224
210424_PM_s_at	GOLGA8A /// GOLGA8B	-0.26388463	3.9148275	-3.962422	9.49E-05	0.00105	1.0329299
200003_PM_s_at	RPL28	0.2049089	12.1282657	3.9622097	9.50E-05	0.00105	1.0321523
211486_PM_s_at	KCNQ2	-0.27070049	3.81979897	-3.96209	9.50E-05	0.00105	1.0317157
1554523_PM_a_at	CNNM2	-0.25520934	4.67000115	-3.961995	9.51E-05	0.00105	1.0313661
243731_PM_at	---	-0.4613517	5.17797574	-3.961817	9.51E-05	0.00105	1.0307179
1570241_PM_at	SPATA21	-0.22733215	4.11718961	-3.961119	9.54E-05	0.00105	1.0281642
210978_PM_s_at	TAGLN2	0.56580148	8.10734072	3.9600355	9.58E-05	0.00106	1.0242038
233748_PM_x_at	PRKAG2	-0.47747544	6.84949624	-3.95963	9.60E-05	0.00106	1.0227203
226215_PM_s_at	KDM2B	0.38280458	6.96639728	3.9595182	9.60E-05	0.00106	1.0223131
212988_PM_x_at	ACTG1	0.14547294	12.4450232	3.9586463	9.63E-05	0.00106	1.0191267
213899_PM_at	METAP2	0.41398371	6.87210672	3.9585948	9.64E-05	0.00106	1.0189387
200642_PM_at	SOD1	-0.17439774	12.0919345	-3.958499	9.64E-05	0.00106	1.0185891
221716_PM_s_at	ACSBG2	-0.3186439	4.0805311	-3.958146	9.65E-05	0.00106	1.0172999
230917_PM_at	---	-0.54144138	7.10225988	-3.958123	9.65E-05	0.00106	1.0172163
232781_PM_at	---	-0.46609032	4.6846505	-3.958098	9.65E-05	0.00106	1.017123
240889_PM_at	CDRT15L2	-0.27730904	3.99704949	-3.957792	9.67E-05	0.00106	1.0160057
229338_PM_at	---	-0.3575255	5.59894589	-3.957385	9.68E-05	0.00106	1.0145188
211623_PM_s_at	FBL	0.19948856	9.62672814	3.9571539	9.69E-05	0.00106	1.0136747
1555503_PM_a_at	TMCC2	-0.21924102	4.1602307	-3.957036	9.70E-05	0.00106	1.0132453
208612_PM_at	PDI3	0.68483849	8.98980271	3.9570066	9.70E-05	0.00106	1.0131367
48106_PM_at	SLC48A1	0.4397308	8.51340636	3.9566121	9.71E-05	0.00107	1.0116955
203966_PM_s_at	PPM1A	-0.25226262	9.60815145	-3.956498	9.72E-05	0.00107	1.0112795
240451_PM_at	---	0.31914205	3.91138225	3.9563794	9.72E-05	0.00107	1.010846
207418_PM_s_at	DDO	-0.57391095	5.20806643	-3.956198	9.73E-05	0.00107	1.0101821
224684_PM_at	SNX12	-0.21342153	8.72305219	-3.955635	9.75E-05	0.00107	1.0081278

227975_PM_at	GPRIN1	-0.18933103	3.88063112	-3.955624	9.75E-05	0.00107	1.0080881
232705_PM_at	LRRFIP2	0.25240565	3.6159264	3.9549739	9.77E-05	0.00107	1.0057136
1563076_PM_x_at	---	0.40124977	4.89681671	3.9548909	9.78E-05	0.00107	1.0054109
224939_PM_at	NUFIP2	0.24007436	8.43397983	3.9544079	9.80E-05	0.00107	1.0036473
209415_PM_at	FZR1	-0.28253589	5.06005696	-3.953753	9.82E-05	0.00107	1.0012555
243509_PM_at	---	0.4304597	4.4351544	3.9534559	9.83E-05	0.00108	1.0001725
234643_PM_x_at	---	0.30433784	4.22422648	3.9529504	9.85E-05	0.00108	0.998328
202284_PM_s_at	CDKN1A	0.51671553	8.16047113	3.9523453	9.88E-05	0.00108	0.99612
228570_PM_at	BTBD11	-0.47080942	5.34765872	-3.951869	9.90E-05	0.00108	0.9943822
228993_PM_s_at	NCRNA00081	0.45019516	6.71905318	3.9518574	9.90E-05	0.00108	0.9943399
AFFX-HSAC07/X003	ACTB	0.15193903	12.4326292	3.9512548	9.92E-05	0.00108	0.9921413
227964_PM_at	FRMD8	0.33972721	7.65983414	3.951075	9.93E-05	0.00108	0.9914855
1565823_PM_at	---	0.32087535	4.39648841	3.9508549	9.94E-05	0.00108	0.9906825
217965_PM_s_at	SAP30BP	0.18632833	8.04418151	3.9503371	9.96E-05	0.00109	0.988794
210113_PM_s_at	NLRP1	0.43047355	4.77119476	3.9502822	9.96E-05	0.00109	0.9885939
1566342_PM_at	---	0.39944116	8.68458173	3.950103	9.96E-05	0.00109	0.9879405
219960_PM_s_at	UCHL5	-0.35664099	7.41947572	-3.949699	9.98E-05	0.00109	0.9864675
205970_PM_at	MT3	-0.26599928	4.16345485	-3.949202	0.0001	0.00109	0.9846548
216449_PM_x_at	HSP90B1	0.4778866	9.52268276	3.949135	0.0001	0.00109	0.9844104
216474_PM_x_at	TPSAB1 /// TPSB2	0.46140018	4.16537018	3.9490685	0.0001	0.00109	0.9841682
229871_PM_at	SAMD4B	0.49499831	6.47593111	3.9487696	0.0001	0.00109	0.9830783
238432_PM_at	FLJ35776	0.39722773	7.34115595	3.9486329	0.0001	0.00109	0.9825799
1553412_PM_at	AGBL4	-0.21943221	4.25351453	-3.947847	0.000101	0.00109	0.9797147
209762_PM_x_at	SP110	0.48121664	7.11423348	3.9478006	0.000101	0.00109	0.9795457
218747_PM_s_at	TAPBPL	0.35712883	7.5646613	3.9477028	0.000101	0.00109	0.9791895
221008_PM_s_at	AGXT2L1	-1.01658942	5.91205516	-3.947496	0.000101	0.00109	0.9784351
204541_PM_at	SEC14L2	-0.2636146	4.62144947	-3.947411	0.000101	0.00109	0.9781247
209869_PM_at	ADRA2A	0.64674471	4.76575201	3.9473285	0.000101	0.00109	0.9778251
56748_PM_at	TRIM10	-0.21666604	4.02908727	-3.946911	0.000101	0.0011	0.9763024
203818_PM_s_at	SF3A3	0.22045727	8.50312456	3.945897	0.000101	0.0011	0.9726087
206870_PM_at	PPARA	-0.42792752	4.37154843	-3.945763	0.000101	0.0011	0.9721207
217529_PM_at	ORAI2	0.40185757	5.61992412	3.945235	0.000102	0.0011	0.9701968
222093_PM_s_at	INO80B	-0.3202924	5.38236937	-3.944812	0.000102	0.0011	0.9686564
204273_PM_at	EDNRB	0.5708031	8.02592477	3.9445196	0.000102	0.00111	0.967591
230820_PM_at	---	0.40790047	5.78381304	3.9437998	0.000102	0.00111	0.9649693
213346_PM_at	C13orf27	-0.2752978	8.32767081	-3.943753	0.000102	0.00111	0.9647982
208272_PM_at	RANBP3	-0.42105381	5.0252332	-3.943197	0.000102	0.00111	0.9627762
211122_PM_s_at	CXCL11	1.42201623	5.5327633	3.9427277	0.000103	0.00111	0.9610655
217996_PM_at	PHLDA1	-0.42581502	7.89507831	-3.942705	0.000103	0.00111	0.9609834
228835_PM_at	---	-0.44173826	7.61119251	-3.942484	0.000103	0.00111	0.9601799
215649_PM_s_at	MVK	-0.30202228	4.69432386	-3.942458	0.000103	0.00111	0.9600084
217066_PM_s_at	DMPK	-0.33728091	4.6284815	-3.942246	0.000103	0.00111	0.9593113
225331_PM_at	CCDC50	0.18311125	9.35113092	3.9415909	0.000103	0.00112	0.9569273
206247_PM_at	MICB	0.505173	4.99011571	3.9412489	0.000103	0.00112	0.9556826
218064_PM_s_at	AKAP8L	0.44274413	6.48662107	3.9411546	0.000103	0.00112	0.9553392
1556385_PM_at	---	0.59611122	6.00615972	3.9410974	0.000103	0.00112	0.9551312
33197_PM_at	MYO7A	-0.45543913	5.78692801	-3.9402	0.000104	0.00112	0.951867
240664_PM_at	---	-0.31356975	5.01437411	-3.939992	0.000104	0.00112	0.9511078
220575_PM_at	FAM106A	0.28963832	3.90389135	3.9397246	0.000104	0.00112	0.9501356
219365_PM_s_at	CAMKV	-0.18144454	3.92884623	-3.939514	0.000104	0.00112	0.9493677
214695_PM_at	UBAP2L	0.27644172	4.96495492	3.9394706	0.000104	0.00112	0.9492114
235512_PM_at	---	-0.51566986	7.45459138	-3.93942	0.000104	0.00112	0.9490259
218170_PM_at	ISOC1	-0.28960041	8.82259391	-3.939267	0.000104	0.00112	0.9484719
203120_PM_at	TP53BP2	0.1935372	7.70259284	3.9389363	0.000104	0.00112	0.9472676
215187_PM_at	FJ11292	0.20049755	3.75202484	3.9387284	0.000104	0.00112	0.9465115
242001_PM_at	IDH1	-0.3378665	3.91260404	-3.938095	0.000104	0.00113	0.944207
214870_PM_x_at	LOC100288442 /// LOC339047 /// NPIP	0.38584766	10.5084043	3.9380428	0.000105	0.00113	0.9440177
212433_PM_x_at	RPS2	0.28361236	11.8840449	3.9371766	0.000105	0.00113	0.9408675
230568_PM_x_at	DLL3	-0.19416536	3.61068306	-3.936995	0.000105	0.00113	0.9402066
218237_PM_s_at	SLC38A1	0.39542044	8.85964671	3.9369017	0.000105	0.00113	0.939868
242293_PM_at	ING3	0.42776316	4.89558669	3.9366717	0.000105	0.00113	0.9390318
230347_PM_at	ORAI2	-0.19284468	3.86878318	-3.936334	0.000105	0.00113	0.9378052
205483_PM_s_at	ISG15	0.68487486	8.49352826	3.9359887	0.000105	0.00113	0.9365487
242436_PM_at	---	0.24292062	3.60777179	3.9359881	0.000105	0.00113	0.9365464
1568366_PM_at	---	0.31375581	3.2437648	3.9359548	0.000105	0.00113	0.9364253

216574_PM_s_at	LOC729020 /// RPE	-0.37785522	5.28093749	-3.935932	0.000105	0.00113	0.9363413
205299_PM_s_at	BTN2A2	0.21626768	3.87428878	3.9357185	0.000105	0.00113	0.9355665
216383_PM_at	RPL18A /// RPL18AP3	0.24028046	7.23546146	3.9356589	0.000105	0.00113	0.9353499
222922_PM_at	KCNE3	-0.53285684	5.09394114	-3.935632	0.000106	0.00113	0.9352513
227105_PM_at	CSPP1	-0.42029399	8.12724202	-3.93545	0.000106	0.00113	0.9345898
219759_PM_at	ERAP2	0.95120373	6.21216448	3.9352401	0.000106	0.00113	0.9338273
209590_PM_at	BMP7	-0.36950571	5.06431279	-3.935044	0.000106	0.00113	0.9331133
227747_PM_at	MP2L3	0.41303875	5.82726876	3.9349728	0.000106	0.00113	0.9328558
202087_PM_s_at	CTSL1	-0.21946418	10.4698409	-3.934768	0.000106	0.00114	0.9321102
200931_PM_s_at	VCL	0.25951748	10.4669641	3.9347018	0.000106	0.00114	0.9318709
211961_PM_s_at	RAB7A	0.19711955	9.62909612	3.9345412	0.000106	0.00114	0.9312873
203411_PM_s_at	LMNA	0.30482262	8.52238393	3.934365	0.000106	0.00114	0.930647
1557170_PM_at	NEK8	0.38789124	5.88660964	3.9342354	0.000106	0.00114	0.930176
224027_PM_at	CCL28	0.51838957	4.21998026	3.9337565	0.000106	0.00114	0.9284358
226115_PM_at	AHCTF1	-0.25462408	7.82684427	-3.93339	0.000106	0.00114	0.9271047
218417_PM_s_at	SLC48A1	0.44578659	7.47248114	3.9329951	0.000107	0.00114	0.9256697
224885_PM_s_at	KRTCAP2	0.24479135	10.6252525	3.9329908	0.000107	0.00114	0.9256539
206467_PM_x_at	RTEL1 /// TNFRSF6B	0.44478426	5.64339013	3.9317447	0.000107	0.00115	0.9211279
1555595_PM_at	SCRN3	-0.2955751	4.6485382	-3.931137	0.000107	0.00115	0.9189195
221261_PM_x_at	MAGED4 /// MAGED4B	0.41155527	4.53733578	3.9309582	0.000107	0.00115	0.9182717
215720_PM_s_at	NFYA	-0.15825811	3.88246455	-3.930689	0.000108	0.00115	0.9172937
236091_PM_at	HMGGB2	-0.3173912	4.08525498	-3.929919	0.000108	0.00115	0.9144971
227669_PM_at	BRP44	-0.31501675	8.93194277	-3.929248	0.000108	0.00116	0.9120611
227119_PM_at	CNO16L	0.34482856	7.23611441	3.9290777	0.000108	0.00116	0.9114446
219539_PM_at	GEMIN6	-0.23989063	8.12350123	-3.928832	0.000108	0.00116	0.9105524
235021_PM_at	KIAA2026	0.36908515	7.65139274	3.92874	0.000108	0.00116	0.910219
229456_PM_s_at	DDAH1	-0.72182521	5.33304635	-3.928265	0.000109	0.00116	0.9084963
213149_PM_at	DLAT	-0.29920872	8.18816228	-3.9276	0.000109	0.00116	0.9060837
207847_PM_s_at	MUC1	0.76191951	8.7645909	3.9275834	0.000109	0.00116	0.9060218
230330_PM_at	---	-0.28972204	5.30775302	-3.927212	0.000109	0.00116	0.9046747
229560_PM_at	TLR8	0.89142241	5.50115082	3.9265549	0.000109	0.00117	0.9022903
211150_PM_s_at	DLAT	-0.60383639	5.80599337	-3.926239	0.000109	0.00117	0.9011446
212965_PM_at	HIC2	-0.21243911	4.08624031	-3.925923	0.00011	0.00117	0.8999999
200978_PM_at	MDH1	-0.26224517	11.7251207	-3.925686	0.00011	0.00117	0.899138
1567628_PM_at	CD74	0.62662424	5.32590875	3.9255392	0.00011	0.00117	0.8986062
210749_PM_x_at	DDR1	0.43759763	9.36238679	3.9254347	0.00011	0.00117	0.8982272
207574_PM_s_at	GADD45B	0.40535422	9.15581433	3.9251987	0.00011	0.00117	0.8973715
214490_PM_at	ARSF	-0.6164351	6.15541939	-3.924874	0.00011	0.00117	0.8961948
238745_PM_at	---	-0.24103007	3.77849469	-3.924722	0.00011	0.00117	0.8956436
201815_PM_s_at	TBC1D5	-0.3232403	5.02587085	-3.924237	0.00011	0.00117	0.8938841
232085_PM_at	MAPK8IP3	-0.28290748	4.0112829	-3.924091	0.00011	0.00117	0.8933551
204019_PM_s_at	SH3YL1	-0.40515335	10.8527277	-3.923938	0.00011	0.00117	0.892799
201147_PM_s_at	TIMP3	0.45245345	8.30556584	3.9237134	0.000111	0.00117	0.8919858
243199_PM_at	---	-0.24627741	4.20759537	-3.923362	0.000111	0.00118	0.8907107
222866_PM_s_at	FLVCR2	-0.4503753	5.97153773	-3.923356	0.000111	0.00118	0.8906915
242269_PM_at	FLJ42875	-0.76709821	5.90978655	-3.923221	0.000111	0.00118	0.8902005
203485_PM_at	RTN1	0.56743761	6.40317583	3.9231239	0.000111	0.00118	0.889849
211529_PM_x_at	HLA-G	0.43746748	10.6860926	3.9230306	0.000111	0.00118	0.8895107
225117_PM_at	KIAA1267	0.25095405	8.95923883	3.9229861	0.000111	0.00118	0.8893497
226167_PM_at	SYT7	-0.26593485	4.43719961	-3.922965	0.000111	0.00118	0.8892743
220146_PM_at	TLR7	0.60223052	4.76132064	3.9228962	0.000111	0.00118	0.8890236
244124_PM_at	RAB37	-0.28603762	4.23849833	-3.921178	0.000112	0.00118	0.8827956
227006_PM_at	PPP1R14A	0.53784995	6.22785021	3.9210695	0.000112	0.00118	0.8824039
226123_PM_at	CHD7	0.33337834	8.35368316	3.9206071	0.000112	0.00118	0.8807288
205639_PM_at	AOAH	0.64823508	5.24315523	3.920291	0.000112	0.00119	0.8795836
201931_PM_at	ETFA	-0.38374254	10.3448039	-3.919496	0.000112	0.00119	0.8767058
222934_PM_s_at	CLEC4E	0.61339411	4.73957531	3.9194237	0.000112	0.00119	0.8764425
1552649_PM_a_at	RFFL	-0.18023877	3.70317802	-3.918936	0.000113	0.00119	0.8746745
219904_PM_at	ZSCAN5A	-0.18647776	4.12431815	-3.918228	0.000113	0.00119	0.8721127
1557207_PM_s_at	LOC283177	-0.41512768	6.57798855	-3.917608	0.000113	0.0012	0.8698673
239854_PM_at	C22orf41	0.41677485	4.5396298	3.9175769	0.000113	0.0012	0.8697553
239420_PM_at	---	-0.78430796	6.55428382	-3.916798	0.000114	0.0012	0.8669372
1568593_PM_a_at	NUDT16P1	-0.38519202	5.64174981	-3.916544	0.000114	0.0012	0.866016
236623_PM_at	C1orf203	-0.3289174	6.17727547	-3.916408	0.000114	0.0012	0.8655253
203915_PM_at	CXCL9	1.43307879	8.35431592	3.9163898	0.000114	0.0012	0.8654581

203564_PM_at	FANCG	0.39478434	5.03071305	3.9157957	0.000114	0.0012	0.8633083
207776_PM_s_at	CACNB2	-0.32820248	3.94517172	-3.915615	0.000114	0.0012	0.8626525
211615_PM_s_at	LRPPRC	-0.24831163	9.6364866	-3.915528	0.000114	0.0012	0.8623393
216945_PM_x_at	PASK	0.43367888	6.1704966	3.9151084	0.000114	0.00121	0.8608211
209310_PM_s_at	CASP4	0.43363917	7.95879415	3.9149381	0.000114	0.00121	0.860205
228855_PM_at	NUDT7	-0.3414227	8.22881452	-3.914857	0.000114	0.00121	0.85991
211984_PM_at	CALM1	-0.24533529	11.0694919	-3.914605	0.000115	0.00121	0.858999
222560_PM_at	LANCL2	-0.25611759	4.01999015	-3.914337	0.000115	0.00121	0.858029
216143_PM_at	---	-0.17458305	3.80541399	-3.91431	0.000115	0.00121	0.8579343
1570248_PM_at	---	0.2309428	3.43611474	3.9141667	0.000115	0.00121	0.8574143
AFFX-PheX-M_at	---	1.04428811	6.09085709	3.9138979	0.000115	0.00121	0.856442
215029_PM_at	---	0.51377613	3.91090951	3.913694	0.000115	0.00121	0.8557044
229948_PM_at	---	-0.46498864	7.39982628	-3.913662	0.000115	0.00121	0.8555905
219221_PM_at	ZBTB38	0.4294155	7.93111738	3.913532	0.000115	0.00121	0.8551187
221002_PM_s_at	TSPAN14	0.31287548	8.43591119	3.9133994	0.000115	0.00121	0.8546389
213714_PM_at	CACNB2	-0.42357678	4.78358494	-3.912609	0.000115	0.00121	0.851782
1559623_PM_at	C11orf54	-0.60295329	5.73104393	-3.912482	0.000116	0.00121	0.8513221
210707_PM_x_at	PMS2L11	-0.31691761	8.34082	-3.912325	0.000116	0.00121	0.8507541
204472_PM_at	GEM	0.68524697	7.19126929	3.9118817	0.000116	0.00122	0.8491509
225274_PM_at	PCYOX1	-0.31457462	10.8158369	-3.91186	0.000116	0.00122	0.8490739
1553429_PM_at	FLJ31713	-0.17639969	3.71939535	-3.911487	0.000116	0.00122	0.8477237
221489_PM_s_at	SPRY4	0.34630773	5.74264503	3.9113039	0.000116	0.00122	0.8470621
217381_PM_s_at	TRGV5	-0.2911587	4.54185264	-3.911292	0.000116	0.00122	0.8470199
240254_PM_at	---	0.26099855	3.63777682	3.910904	0.000116	0.00122	0.8456163
223704_PM_s_at	DMRT2	-0.74150822	7.45430739	-3.910103	0.000117	0.00122	0.8427207
215471_PM_s_at	MAP7	-0.86652139	6.25545645	-3.909737	0.000117	0.00122	0.8413989
202963_PM_at	RFX5	0.2235142	8.30369106	3.9095098	0.000117	0.00122	0.8405775
201740_PM_at	NDUFS3	-0.24649133	9.91406896	-3.90938	0.000117	0.00122	0.8401096
206047_PM_at	GNB3	-0.25656243	4.63415085	-3.909334	0.000117	0.00122	0.8399434
200675_PM_at	CD81	0.31603652	10.7444671	3.9090954	0.000117	0.00123	0.8390801
232722_PM_at	RNASET2	0.39206488	4.35560776	3.9088696	0.000117	0.00123	0.8382644
223324_PM_s_at	TRPM7	-0.36106657	7.8699102	-3.907671	0.000118	0.00123	0.833934
229497_PM_at	ANKDD1A	0.29668976	4.46458029	3.9073874	0.000118	0.00123	0.8329098
235614_PM_at	TMEM151A	-0.39465902	4.5866897	-3.907091	0.000118	0.00123	0.8318402
211755_PM_s_at	ATP5F1	-0.23151062	11.5796487	-3.906962	0.000118	0.00123	0.8313722
215701_PM_at	---	-0.37763102	5.17166251	-3.906925	0.000118	0.00123	0.8312399
203015_PM_s_at	SSX2IP	-0.51846618	4.92336536	-3.906891	0.000118	0.00123	0.8311119
205440_PM_s_at	NPY1R	0.58155175	9.5737506	3.9065359	0.000118	0.00123	0.8298349
208299_PM_at	CACNA1I	-0.30768814	3.97878711	-3.906513	0.000118	0.00123	0.8297526
201925_PM_s_at	CD55	0.44009824	7.45073325	3.9062593	0.000118	0.00124	0.8288361
207419_PM_s_at	RAC2	0.61610064	4.18572679	3.9060176	0.000119	0.00124	0.8279632
227558_PM_at	CBX4	0.34065427	8.24540422	3.9053369	0.000119	0.00124	0.8255058
235632_PM_at	---	0.2519674	3.92064761	3.9051884	0.000119	0.00124	0.8249695
209005_PM_at	FBXL5	-0.32509857	8.13540004	-3.905124	0.000119	0.00124	0.8247358
211970_PM_x_at	ACTG1	0.13688006	12.515582	3.9040428	0.000119	0.00124	0.8208345
230601_PM_s_at	LRRC46	0.2376467	3.80704181	3.9040119	0.000119	0.00124	0.8207232
210033_PM_s_at	SPAG6	0.19868232	3.56302628	3.9039602	0.000119	0.00124	0.8205366
219784_PM_at	FBXO31	-0.25649476	4.62458389	-3.903832	0.00012	0.00124	0.8200747
244742_PM_at	PAH	-0.62917079	4.45817742	-3.903408	0.00012	0.00125	0.818544
205588_PM_s_at	FGFR1OP	-0.33526925	7.38041288	-3.902984	0.00012	0.00125	0.8170135
1555349_PM_a_at	ITGB2	0.76391079	6.44282227	3.9028455	0.00012	0.00125	0.8165141
210776_PM_x_at	TCF3	0.36654692	7.67950775	3.9025978	0.00012	0.00125	0.8156203
232043_PM_at	GNG7	-0.27909443	4.7585439	-3.902264	0.00012	0.00125	0.8144168
205652_PM_s_at	TTL1	0.26551006	6.23669927	3.901957	0.00012	0.00125	0.8133085
208779_PM_x_at	DDR1	0.45103924	8.69519638	3.901883	0.00012	0.00125	0.8130415
213755_PM_s_at	SKI	-0.23496217	4.03012006	-3.901624	0.000121	0.00125	0.8121075
209945_PM_s_at	GSK3B	0.3170437	6.33396519	3.9014817	0.000121	0.00125	0.8115942
203457_PM_at	STX7	-0.42212884	7.82668986	-3.901406	0.000121	0.00125	0.8113199
215693_PM_x_at	DDX27	0.31980214	7.95224947	3.9013205	0.000121	0.00125	0.8110127
210125_PM_s_at	BANF1	0.37533501	7.8133406	3.9012478	0.000121	0.00125	0.8107503
206599_PM_at	SLC16A5	0.54744995	5.7473342	3.9011649	0.000121	0.00125	0.8104515
239907_PM_at	---	0.79404607	6.33120687	3.9010065	0.000121	0.00125	0.8098804
1556078_PM_at	LOC100289632	-0.52266116	4.85818271	-3.900125	0.000121	0.00126	0.8067023
214197_PM_s_at	SETDB1	-0.22402593	4.51386697	-3.899989	0.000121	0.00126	0.8062108
212921_PM_at	SMYD2	0.33973633	4.62328544	3.8998867	0.000121	0.00126	0.8058421

203567_PM_s_at	TRIM38	0.31388115	8.98499149	3.8997772	0.000121	0.00126	0.8054471
241940_PM_at	---	-0.18767917	3.71270095	-3.899569	0.000122	0.00126	0.8046949
203324_PM_s_at	CAV2	0.41401769	8.58419969	3.8991529	0.000122	0.00126	0.8031966
229539_PM_at	ABCB8	-0.21360452	4.17495841	-3.899145	0.000122	0.00126	0.8031691
202947_PM_s_at	GYPC	0.41827391	8.28622905	3.8990556	0.000122	0.00126	0.8028456
242373_PM_at	---	-0.44133918	4.8676103	-3.898804	0.000122	0.00126	0.8019381
243708_PM_at	TMEM132E	-0.52742069	5.5005939	-3.89875	0.000122	0.00126	0.8017431
217727_PM_x_at	VPS35	0.15146972	10.7201629	3.8986864	0.000122	0.00126	0.8015147
241930_PM_x_at	---	0.20586174	4.22116462	3.898603	0.000122	0.00126	0.8012142
222890_PM_at	CCDC113	0.43999113	5.5164818	3.8984511	0.000122	0.00126	0.8006667
212748_PM_at	MKL1	0.30223529	4.70365833	3.8981815	0.000122	0.00126	0.7996951
201225_PM_s_at	SRRM1	0.17598198	9.80622981	3.8979665	0.000122	0.00126	0.7989201
206063_PM_x_at	PPIL2	-0.31439648	5.27353905	-3.897892	0.000122	0.00126	0.7986521
1556894_PM_at	NT5DC2	-0.20490383	3.68322485	-3.897838	0.000122	0.00126	0.7984583
214057_PM_at	---	0.4044456	4.88783706	3.8977776	0.000122	0.00126	0.7982395
227781_PM_x_at	FAM57B	-0.41042672	4.76189904	-3.897018	0.000123	0.00127	0.7955023
213591_PM_at	ALDH7A1	-0.48127049	6.16522835	-3.896976	0.000123	0.00127	0.7953496
212100_PM_s_at	POLDIP3	0.19953263	8.2738227	3.8964871	0.000123	0.00127	0.7935892
227287_PM_at	LOC100290973	-0.21834908	4.16678861	-3.895998	0.000123	0.00127	0.7918259
212166_PM_at	XP07	-0.45185011	8.13971091	-3.895883	0.000123	0.00127	0.7914129
215586_PM_at	---	0.32915318	4.03770114	3.8957376	0.000123	0.00127	0.7908892
213208_PM_at	KIAA0240	0.31984469	6.84528831	3.8953352	0.000124	0.00127	0.7894395
212318_PM_at	TNPO3	0.34333734	8.09058921	3.8942497	0.000124	0.00128	0.7855302
226040_PM_at	---	0.36321707	7.8531933	3.8939922	0.000124	0.00128	0.7846029
206030_PM_at	ASPA	-0.5863043	9.4061317	-3.893868	0.000124	0.00128	0.7841542
207137_PM_at	NFKBIL2	-0.21272897	3.92245897	-3.893656	0.000124	0.00128	0.7833928
227649_PM_s_at	SRGAP2	0.29682568	4.27621118	3.8930946	0.000125	0.00128	0.7813715
221636_PM_s_at	MOSC2	-0.51252526	10.2265871	-3.892405	0.000125	0.00128	0.7788873
228405_PM_at	RHPN1	-0.36007871	5.2332806	-3.892072	0.000125	0.00129	0.7776905
234337_PM_at	TTL9	-0.25665704	4.18001862	-3.891109	0.000126	0.00129	0.7742244
213795_PM_s_at	PTPRA	0.24599164	6.41284438	3.8910021	0.000126	0.00129	0.7738403
228394_PM_at	STK10	0.38923905	4.66443437	3.8909202	0.000126	0.00129	0.7735453
212063_PM_at	CD44	0.55353379	9.18552849	3.8908731	0.000126	0.00129	0.7733758
240820_PM_at	---	-0.22570633	3.76862846	-3.890449	0.000126	0.00129	0.7718516
207040_PM_s_at	ST13	-0.19602091	11.2866816	-3.890212	0.000126	0.00129	0.770998
214893_PM_x_at	HCN2	-0.20152024	4.59137666	-3.890202	0.000126	0.00129	0.7709611
243391_PM_x_at	---	0.27934543	5.99339482	3.8895339	0.000126	0.0013	0.768558
209856_PM_x_at	ABI2	-0.21031225	5.5489012	-3.889495	0.000126	0.0013	0.7684163
201594_PM_s_at	PPP4R1	0.18967882	9.16199601	3.889432	0.000126	0.0013	0.7681914
234026_PM_at	EML2	-0.32648939	4.44654623	-3.888906	0.000127	0.0013	0.7663002
223162_PM_s_at	KIAA1147	-0.305092	9.32782041	-3.8886	0.000127	0.0013	0.7651989
227573_PM_s_at	OBSL1	-0.26836268	4.40678692	-3.888264	0.000127	0.0013	0.763989
215256_PM_x_at	ARHGAP33	-0.38108599	4.932063	-3.887713	0.000127	0.0013	0.7620089
206723_PM_s_at	LPAR2	0.32119599	5.00176445	3.8876786	0.000127	0.0013	0.7618857
1557718_PM_at	PPP2R5C	0.49906648	5.21405468	3.8873423	0.000127	0.0013	0.7606765
215240_PM_at	ITGB3	0.35069522	3.80429742	3.8868236	0.000128	0.00131	0.7588119
225707_PM_at	ARL6IP6	0.28105761	8.02245987	3.8865695	0.000128	0.00131	0.7578984
1561180_PM_at	---	0.32851551	3.53578743	3.8864123	0.000128	0.00131	0.7573333
203477_PM_at	COL15A1	0.69963139	7.81920521	3.8863089	0.000128	0.00131	0.7569617
208742_PM_s_at	SAP18	-0.24263516	11.2943794	-3.886053	0.000128	0.00131	0.7560426
235879_PM_at	MBNL1	0.60655695	8.17360038	3.8859135	0.000128	0.00131	0.7555405
214993_PM_at	ASPHD1	0.16912127	3.54896998	3.8855651	0.000128	0.00131	0.7542882
215265_PM_at	EMX1	-0.19902263	3.87041482	-3.8855	0.000128	0.00131	0.7540536
209870_PM_s_at	APBA2	0.24303246	4.21369972	3.8853317	0.000128	0.00131	0.7534494
205715_PM_at	BST1	-0.4600635	6.04295752	-3.885166	0.000129	0.00131	0.7528541
78495_PM_at	ZNF783	0.29399317	6.10051304	3.8851629	0.000129	0.00131	0.7528431
210275_PM_s_at	ZFAND5	0.19748395	10.4208288	3.8847341	0.000129	0.00131	0.751302
231277_PM_x_at	DTWD2	-0.3084445	6.32118512	-3.884704	0.000129	0.00131	0.7511941
239451_PM_at	---	0.48679543	6.15476236	3.8845596	0.000129	0.00131	0.7506753
210428_PM_s_at	HGS	0.47666485	6.86145347	3.8842822	0.000129	0.00131	0.7496784
225928_PM_at	VT1B	-0.33655308	7.34781252	-3.883488	0.000129	0.00132	0.7468258
1557008_PM_at	LOC340107	-0.19443952	4.04245772	-3.883478	0.000129	0.00132	0.7467891
206578_PM_at	NKX2-5	-0.20603895	4.10846107	-3.88293	0.00013	0.00132	0.744822
229593_PM_at	---	0.4552896	5.85879084	3.8828808	0.00013	0.00132	0.7446444
220634_PM_at	TBX4	-0.1909508	3.98407153	-3.882727	0.00013	0.00132	0.7440903

224374_PM_s_at	EMILIN2	0.67273573	5.35035215	3.8823616	0.00013	0.00132	0.7427797
218614_PM_at	C12orf35	0.44291407	8.29210362	3.8820633	0.00013	0.00132	0.7417085
221541_PM_at	CRISPLD2	0.59371963	8.38474265	3.8819193	0.00013	0.00132	0.7411913
208034_PM_s_at	PROZ	-0.86209072	6.80855931	-3.8818	0.00013	0.00132	0.7407626
228018_PM_at	NKAIN4	0.97090156	6.19091454	3.8817471	0.00013	0.00132	0.7405732
203149_PM_at	PVRL2	0.27174718	7.42725696	3.8814579	0.00013	0.00133	0.7395346
221607_PM_x_at	ACTG1	0.13691805	12.5269853	3.8813254	0.000131	0.00133	0.7390591
214721_PM_x_at	CDC42EP4	0.30207513	7.09455836	3.8812636	0.000131	0.00133	0.738837
232218_PM_at	---	-0.35741422	5.99846758	-3.881247	0.000131	0.00133	0.7387786
206067_PM_s_at	WT1	-0.74836882	6.74609934	-3.880889	0.000131	0.00133	0.7374935
234294_PM_x_at	GATAD2A	0.36431568	8.05254782	3.8798586	0.000131	0.00133	0.7337936
236094_PM_at	TCF7L2	0.31503115	4.49642342	3.8797245	0.000131	0.00133	0.7333122
212192_PM_at	KCTD12	0.33718228	10.1158286	3.8796875	0.000131	0.00133	0.7331797
203711_PM_s_at	HIBCH	-0.55953791	9.28663723	-3.879227	0.000132	0.00133	0.731526
228714_PM_at	---	0.29497709	4.79702872	3.878839	0.000132	0.00134	0.7301345
212836_PM_at	POLD3	-0.33616397	8.50130993	-3.878532	0.000132	0.00134	0.7290348
212010_PM_s_at	CDV3	0.17836714	10.3984227	3.878347	0.000132	0.00134	0.7283693
208199_PM_s_at	ZFP161	-0.21542571	3.96658842	-3.878322	0.000132	0.00134	0.7282807
1562852_PM_at	---	0.21994704	4.17309174	3.8770212	0.000133	0.00134	0.7236132
201040_PM_at	GNAI2	0.43365001	6.79535858	3.8769577	0.000133	0.00134	0.7233854
217462_PM_at	C11orf9	-0.25499265	3.74939254	-3.876891	0.000133	0.00134	0.7231469
217406_PM_at	---	-0.24534045	4.37503261	-3.876681	0.000133	0.00134	0.7223944
1554962_PM_a_at	FGFR4	-0.23559587	4.6151297	-3.876431	0.000133	0.00134	0.7214957
211066_PM_x_at	PCDHGA1 /// PCDHGA10 /// PCDHGA11 /// PCDHGA12 /// PCD	0.42262547	7.90817699	3.8763104	0.000133	0.00135	0.721064
204769_PM_s_at	TAP2	0.57757266	5.70017155	3.8762266	0.000133	0.00135	0.7207635
203380_PM_x_at	SFRS5	0.25832328	9.86596291	3.875518	0.000133	0.00135	0.7182223
210582_PM_s_at	LIMK2	0.2767226	6.60770011	3.8753103	0.000134	0.00135	0.7174776
231386_PM_at	C2orf84	0.16328146	3.52860404	3.8753023	0.000134	0.00135	0.7174491
236401_PM_at	GIMAP1	0.30066141	4.50266807	3.8747655	0.000134	0.00135	0.7155246
201882_PM_x_at	B4GALT1	-0.18385413	3.72836426	-3.874377	0.000134	0.00135	0.7141311
202300_PM_at	HBXIP	-0.24389343	11.4918651	-3.874321	0.000134	0.00135	0.71393
207339_PM_s_at	LTB	0.6617018	6.65205633	3.8742485	0.000134	0.00135	0.7136712
205812_PM_s_at	TMED9	0.36002063	9.88266486	3.8730137	0.000135	0.00136	0.7092457
221077_PM_at	ARMC4	-0.1587532	3.66557552	-3.872552	0.000135	0.00136	0.7075927
225570_PM_at	SLC41A1	-0.32180693	9.03777646	-3.871893	0.000135	0.00136	0.7052289
226625_PM_at	TGFBR3	-0.29064557	9.80409939	-3.871857	0.000135	0.00136	0.7050997
206696_PM_at	GPR143	0.44600574	5.43749269	3.8716231	0.000136	0.00137	0.7042633
211252_PM_x_at	PTCRA	-0.26185176	5.21601404	-3.871554	0.000136	0.00137	0.7040174
217729_PM_s_at	AES	0.27865982	8.10823177	3.8711024	0.000136	0.00137	0.7023983
239545_PM_at	---	0.48714505	5.39501935	3.870264	0.000136	0.00137	0.6993956
223484_PM_at	C15orf48	0.75509351	5.94525287	3.8701963	0.000136	0.00137	0.699153
219938_PM_s_at	PSTPIP2	0.56785152	4.8072593	3.8700874	0.000136	0.00137	0.6987631
1557551_PM_at	---	0.40977589	4.14814026	3.8699045	0.000136	0.00137	0.6981081
205875_PM_s_at	TREX1	0.30839048	7.08528214	3.8698595	0.000136	0.00137	0.6979471
224359_PM_s_at	HOOK3	0.28723839	4.10362834	3.8695534	0.000137	0.00137	0.6968509
1569999_PM_at	---	0.34710471	4.2365537	3.8694973	0.000137	0.00137	0.69665
224437_PM_s_at	VTA1	-0.17681621	9.02334138	-3.868971	0.000137	0.00138	0.6947661
233274_PM_at	---	0.45794969	5.55066791	3.8688549	0.000137	0.00138	0.6943502
235376_PM_at	---	0.33593652	4.05934144	3.8683006	0.000137	0.00138	0.6923658
219478_PM_at	WFDCC1	0.51644896	7.36632711	3.8673721	0.000138	0.00138	0.6890424
226473_PM_at	CBX2	0.24742214	3.75445217	3.867342	0.000138	0.00138	0.6889347
201226_PM_at	NDUFB8 /// SEC31B	-0.19660701	11.2845089	-3.867249	0.000138	0.00138	0.6886025
232374_PM_s_at	---	-0.21901686	3.96739222	-3.866148	0.000138	0.00139	0.6846641
232555_PM_at	ATP6V0A2	-0.17468527	3.88934322	-3.865573	0.000139	0.00139	0.6826061
224723_PM_x_at	LOC401397	-0.18685198	9.8856019	-3.865541	0.000139	0.00139	0.6824891
1553844_PM_a_at	C10orf67	-0.42773302	5.09377192	-3.86553	0.000139	0.00139	0.6824507
238110_PM_at	SAPS2	-0.25380001	4.50820588	-3.865524	0.000139	0.00139	0.682429
203608_PM_at	ALDH5A1	-0.441765	8.8193884	-3.865382	0.000139	0.00139	0.6819215
213118_PM_at	UHRF1BP1L	-0.3586959	6.74075398	-3.864997	0.000139	0.00139	0.6805445
235548_PM_at	APCDD1L	-0.30998095	5.26624521	-3.864948	0.000139	0.00139	0.6803688
227092_PM_at	---	-0.32954048	8.321709	-3.864868	0.000139	0.00139	0.6800836
229327_PM_s_at	---	-0.87986334	7.87954119	-3.864797	0.000139	0.00139	0.6798284
222282_PM_at	---	0.57872608	7.02220099	3.8645039	0.000139	0.00139	0.6787811
243058_PM_at	---	-0.21052989	4.30040403	-3.864445	0.000139	0.00139	0.6785709
207612_PM_at	WNT8B	-0.27896809	4.48972409	-3.864118	0.00014	0.00139	0.6774028

228238_PM_at	GASS	0.40683181	7.24273393	3.8639804	0.00014	0.0014	0.6769091
209110_PM_s_at	RGL2	0.3131253	8.17042449	3.8637681	0.00014	0.0014	0.6761498
1559633_PM_a_at	CHRM3	-0.17504798	3.70286769	-3.863555	0.00014	0.0014	0.675388
225736_PM_at	FBXO22	-0.30083389	7.76358418	-3.863311	0.00014	0.0014	0.6745171
1552727_PM_s_at	ADAMTS17	-0.24423193	3.64078034	-3.862912	0.00014	0.0014	0.6730871
243975_PM_at	---	-0.27101347	4.27785791	-3.862482	0.00014	0.0014	0.671551
227144_PM_at	C22orf9	0.42584421	5.04657735	3.8617821	0.000141	0.0014	0.6690497
217792_PM_at	SNX5	-0.23660334	10.0142812	-3.860936	0.000141	0.00141	0.6660261
202299_PM_s_at	HBXIP	-0.21924843	11.7559443	-3.860455	0.000142	0.00141	0.664309
214511_PM_x_at	FCGR1B	0.96000309	5.66536827	3.8604419	0.000142	0.00141	0.6642606
236215_PM_at	---	0.45246181	4.48416705	3.8596188	0.000142	0.00142	0.6613197
213874_PM_at	SERPINA4	-0.43178443	4.704232	-3.859554	0.000142	0.00142	0.6610874
1568639_PM_a_at	---	0.16212881	3.60611482	3.8594445	0.000142	0.00142	0.6606971
223909_PM_s_at	HDAC8	-0.29832585	6.05347588	-3.859025	0.000142	0.00142	0.6591982
205677_PM_s_at	DLEU1	-0.3749479	7.94403591	-3.858359	0.000143	0.00142	0.6568205
203940_PM_s_at	VASH1	0.47290626	5.02797201	3.8581824	0.000143	0.00142	0.6561891
215956_PM_at	---	0.18707861	3.73666358	3.8581738	0.000143	0.00142	0.6561584
232765_PM_x_at	LOC146429	-0.34179921	4.65389466	-3.857904	0.000143	0.00142	0.6551965
201011_PM_at	RPN1	0.15430216	10.2778887	3.8576627	0.000143	0.00142	0.6543333
215843_PM_s_at	TLL2	0.19447062	3.56613266	3.8573159	0.000143	0.00142	0.6530952
234016_PM_at	LOC90499	-0.29525165	3.79361028	-3.857299	0.000143	0.00142	0.6530345
213036_PM_x_at	ATP2A3	0.52688956	5.87000378	3.8568863	0.000144	0.00143	0.6515613
204138_PM_s_at	MZF1	-0.18243345	3.70393054	-3.856727	0.000144	0.00143	0.6509937
1552563_PM_a_at	---	0.15912106	3.77187721	3.856691	0.000144	0.00143	0.650864
200636_PM_s_at	PTPRF	0.34925087	9.3497906	3.8566109	0.000144	0.00143	0.6505783
225222_PM_at	HIAT1	0.15636508	9.22693739	3.8566054	0.000144	0.00143	0.6505585
211182_PM_x_at	RUNX1	-0.23587493	4.41025998	-3.856455	0.000144	0.00143	0.6500232
231406_PM_at	ORAI2	0.32364035	7.08746269	3.8563712	0.000144	0.00143	0.6497224
222417_PM_s_at	SNX5	-0.46044893	9.8952838	-3.856214	0.000144	0.00143	0.6491612
231678_PM_s_at	ADH4	0.19527342	3.26825049	3.8560843	0.000144	0.00143	0.6486983
226554_PM_at	ZBTB7A	0.33434656	8.69878745	3.8551895	0.000144	0.00143	0.6455047
211983_PM_x_at	ACTG1	0.12854304	12.5753227	3.8549973	0.000145	0.00143	0.6448189
240449_PM_at	ZNF341	0.24998703	4.14325422	3.8548797	0.000145	0.00143	0.6443993
224810_PM_s_at	ANKRD13A	0.24355966	9.35238558	3.854731	0.000145	0.00143	0.6438686
235553_PM_at	GAPVD1	-0.24197899	4.62573049	-3.854282	0.000145	0.00144	0.6422651
216993_PM_s_at	COL11A2	-0.25263642	4.10714225	-3.854125	0.000145	0.00144	0.6417058
214784_PM_x_at	XPO6	0.26581512	8.08780513	3.8537404	0.000145	0.00144	0.6403341
823_PM_at	CX3CL1	0.4167656	8.41877649	3.8536719	0.000145	0.00144	0.6400896
200609_PM_s_at	WDR1	0.15026806	10.3145157	3.8525319	0.000146	0.00144	0.6360234
233352_PM_at	---	0.21942725	3.88415851	3.8524696	0.000146	0.00144	0.6358012
218746_PM_at	TAPBPL	0.38454067	7.09681339	3.8524096	0.000146	0.00144	0.6355871
208728_PM_s_at	CDC42	0.13806969	10.5957735	3.8524049	0.000146	0.00144	0.6355705
201458_PM_s_at	BUB3	0.1887168	9.02851355	3.8523219	0.000146	0.00144	0.6352742
202423_PM_at	MYST3	0.242201	8.66098619	3.8522017	0.000146	0.00144	0.6348458
210205_PM_at	B3GALT4	0.33558803	5.9693918	3.8520237	0.000146	0.00144	0.6342108
240572_PM_s_at	LOC374443	0.51988823	4.27613857	3.8519863	0.000146	0.00144	0.6340775
218461_PM_at	GPN3	-0.23307955	8.79873172	-3.851802	0.000146	0.00144	0.633419
205435_PM_s_at	AAK1	0.29251684	4.41412628	3.8513366	0.000147	0.00145	0.6317609
1554774_PM_at	MINA	-0.4560491	4.64948591	-3.851281	0.000147	0.00145	0.6315634
229510_PM_at	MS4A14	0.40128133	4.61210078	3.8512075	0.000147	0.00145	0.6313004
201981_PM_at	PAPPA	0.65526676	6.85797035	3.8510157	0.000147	0.00145	0.6306165
1556815_PM_at	---	0.16948705	3.63211166	3.8510052	0.000147	0.00145	0.6305793
1559987_PM_at	---	0.18472655	3.39736567	3.8501762	0.000147	0.00145	0.6276238
207777_PM_s_at	SP140	0.47516915	4.02867606	3.8496187	0.000148	0.00145	0.6256368
210408_PM_s_at	CPNE6	-0.49622349	3.89180795	-3.849257	0.000148	0.00146	0.6243477
203799_PM_at	CD302	0.43378537	8.63934923	3.8489889	0.000148	0.00146	0.6233924
210150_PM_s_at	LAMAS	0.38373464	9.26307344	3.8488711	0.000148	0.00146	0.6229725
211328_PM_x_at	HFE	-0.24715378	5.34464784	-3.848868	0.000148	0.00146	0.6229606
232834_PM_at	---	0.34743679	4.74920739	3.8485348	0.000148	0.00146	0.6217741
204169_PM_at	IMPDH1	0.409488	6.76964272	3.8484564	0.000148	0.00146	0.6214947
226058_PM_s_at	ARNTL2	0.27805107	3.64624476	3.8481769	0.000148	0.00146	0.6204988
210870_PM_s_at	EPM2A	-0.32695541	4.51294995	-3.847968	0.000149	0.00146	0.6197539
221819_PM_at	RAB35	0.34731397	6.77454944	3.8468536	0.000149	0.00147	0.6157848
201988_PM_s_at	CREBL2	-0.37649961	7.65479568	-3.84633	0.000149	0.00147	0.6139204
226603_PM_at	SAMD9L	0.54991122	7.60146131	3.8463284	0.000149	0.00147	0.6139144

231955_PM_s_at	HIBADH	-0.71333713	8.28805075	-3.846315	0.000149	0.00147	0.6138678
216878_PM_x_at	HAB1	-0.17490908	3.92901614	-3.846246	0.00015	0.00147	0.6136213
1560175_PM_at	PPP4R1L	-0.22424571	4.48482048	-3.846233	0.00015	0.00147	0.6135738
204402_PM_at	RHBDD3	-0.26935528	4.67579963	-3.845977	0.00015	0.00147	0.6126628
238931_PM_at	METT10D	0.4207974	4.09175413	3.8457607	0.00015	0.00147	0.6118926
228867_PM_at	TATDN3	-0.2833563	7.52407713	-3.845475	0.00015	0.00147	0.6108751
215069_PM_at	NMT2	0.35929442	4.23140065	3.8454239	0.00015	0.00147	0.6106932
241916_PM_at	---	0.56198038	5.09819236	3.8453408	0.00015	0.00147	0.6103974
213724_PM_s_at	PDK2	-0.50953557	6.41836584	-3.845264	0.00015	0.00147	0.6101256
230868_PM_at	---	0.40086791	4.76973489	3.8450674	0.00015	0.00147	0.6094241
215090_PM_x_at	LOC440434	-0.26519661	8.00840796	-3.845023	0.00015	0.00147	0.6092662
221880_PM_s_at	FAM174B	0.21066317	4.28404452	3.8445795	0.000151	0.00147	0.607687
228882_PM_at	TUB	-0.49715343	7.89935803	-3.843765	0.000151	0.00148	0.6047885
1554432_PM_x_at	FAM165B	-0.37273087	6.61570614	-3.843753	0.000151	0.00148	0.6047448
1557797_PM_a_at	---	0.53160062	5.99275121	3.8431319	0.000151	0.00148	0.6025343
244801_PM_at	PSMB7	0.30292471	4.39070464	3.8431141	0.000151	0.00148	0.6024711
241293_PM_x_at	---	-0.19841285	4.30296409	-3.842818	0.000152	0.00148	0.6014162
1553423_PM_a_at	SLFN13	0.18189501	3.31779281	3.8422005	0.000152	0.00149	0.5992203
231842_PM_at	KIAA1462	0.42967006	4.79939091	3.8417632	0.000152	0.00149	0.5976642
201055_PM_s_at	HNRNPAO	0.29608584	7.98476105	3.8415634	0.000152	0.00149	0.5969535
213425_PM_at	WNT5A	0.64461471	4.98308818	3.8412121	0.000152	0.00149	0.5957038
210885_PM_s_at	TRIM15	-0.21148839	3.97006396	-3.841043	0.000153	0.00149	0.5951018
210129_PM_s_at	TLL3	0.30215378	5.07444172	3.840994	0.000153	0.00149	0.5949281
208158_PM_s_at	OSBPL1A	-0.21684257	9.51800078	-3.840643	0.000153	0.00149	0.593679
213094_PM_at	GPR126	0.39975674	7.70834845	3.8397745	0.000153	0.0015	0.590951
240898_PM_at	SPAG16	-0.19586325	3.84842909	-3.839627	0.000153	0.0015	0.5900671
38158_PM_at	ESPL1	-0.76256042	6.42550389	-3.839345	0.000154	0.0015	0.5890641
202573_PM_at	CSNK1G2	0.23703395	9.20593056	3.8391753	0.000154	0.0015	0.5884602
225709_PM_at	ARL6IP6	-0.2296956	4.1023802	-3.839147	0.000154	0.0015	0.5883592
206489_PM_s_at	DLGAP1	0.19843189	3.37066368	3.8389016	0.000154	0.0015	0.5874873
201686_PM_x_at	APIS	-0.40541553	5.03506971	-3.83876	0.000154	0.0015	0.5869852
234314_PM_at	RALGAP2	-0.79541279	6.36886664	-3.838713	0.000154	0.0015	0.5868818
218865_PM_at	MOSC1	-0.28323207	6.28440298	-3.838551	0.000154	0.0015	0.5862391
244286_PM_at	---	0.41801083	4.28100212	3.8384352	0.000154	0.0015	0.5858293
212629_PM_s_at	PKN2	0.25094182	9.27107766	3.8383465	0.000154	0.0015	0.5855138
222319_PM_at	---	0.3049153	3.83922907	3.8382215	0.000154	0.0015	0.5850696
229122_PM_x_at	NPRL3	-0.17977888	3.62909225	-3.837924	0.000154	0.0015	0.5840125
203670_PM_at	TLL3	-0.44703426	4.71686878	-3.83792	0.000154	0.0015	0.5839967
213377_PM_x_at	RPS12	0.10602282	12.6586898	3.8374236	0.000155	0.0015	0.5822334
221320_PM_at	BCL2L10	-0.16976902	3.82830935	-3.837034	0.000155	0.0015	0.5808475
228728_PM_at	C7orf58	0.47486484	7.92940768	3.8364111	0.000155	0.00151	0.5786356
243882_PM_at	---	0.45722657	4.174239	3.8362791	0.000155	0.00151	0.5781664
206789_PM_s_at	POU2F1	0.24972704	7.08519392	3.8356767	0.000156	0.00151	0.5760263
210146_PM_x_at	LILRB2	0.75064833	4.96048538	3.8356761	0.000156	0.00151	0.576024
221227_PM_x_at	COQ3	-0.34825246	6.84105579	-3.835504	0.000156	0.00151	0.5754137
210262_PM_at	CRISP2	-0.25565572	3.75335599	-3.835233	0.000156	0.00151	0.5744484
229415_PM_at	CYCS	-0.3219811	6.98992141	-3.835092	0.000156	0.00151	0.5739498
243302_PM_at	---	-0.32594728	4.30232788	-3.835024	0.000156	0.00151	0.5737089
200691_PM_s_at	HSPA9	-0.20469205	10.6976309	-3.83472	0.000156	0.00152	0.5726268
208944_PM_at	TGFBR2	0.28486656	10.3518713	3.8336122	0.000157	0.00152	0.5686935
205673_PM_s_at	ASB9	-0.66542043	7.70205702	-3.833611	0.000157	0.00152	0.5686877
1562016_PM_at	---	-0.19590732	3.81208118	-3.833601	0.000157	0.00152	0.5686522
227409_PM_at	PPP1R3E	-0.28842072	6.22867423	-3.833399	0.000157	0.00152	0.5677935
209681_PM_at	---	1.0671742	6.00492734	3.8333574	0.000157	0.00152	0.5677889
204543_PM_at	SLC19A2	-0.32256844	7.98708947	-3.833112	0.000157	0.00152	0.5669177
204543_PM_at	RAPGEF1	-0.15253047	3.86804794	-3.832217	0.000158	0.00153	0.5637392
211662_PM_s_at	LOC729317 /// VDACC2	-0.13216758	11.2532469	-3.832011	0.000158	0.00153	0.5630096
AFFX-r2-Bs-thr-3_s	---	0.87571357	8.00032059	3.8319846	0.000158	0.00153	0.5629155
231983_PM_at	C1orf69	-0.2756848	5.11045953	-3.831731	0.000158	0.00153	0.5620142
210943_PM_s_at	LYST	0.55367929	5.26691904	3.8315414	0.000158	0.00153	0.5613422
226946_PM_at	C5orf33	-0.55573485	5.74135794	-3.831391	0.000158	0.00153	0.5608072
208978_PM_at	CRIP2	0.52751497	6.82222005	3.831121	0.000159	0.00153	0.5598504
219944_PM_at	CLIP4	-0.1982479	3.76097291	-3.831023	0.000159	0.00153	0.5595039
210606_PM_x_at	KLRD1	0.72101816	4.47604892	3.8308081	0.000159	0.00153	0.5587397
226672_PM_s_at	HDAC10	-0.19556473	3.84985017	-3.830443	0.000159	0.00153	0.5574455

212381_PM_at	USP24	-0.33008939	6.49498245	-3.829412	0.00016	0.00154	0.5537859
218571_PM_s_at	CHMP4A	0.19536817	9.37277673	3.8291302	0.00016	0.00154	0.5527871
208058_PM_s_at	MGAT3	-0.20668418	3.99649084	-3.828938	0.00016	0.00154	0.552104
212076_PM_at	MLL	0.50626213	5.58956711	3.8288727	0.00016	0.00154	0.5518736
218943_PM_s_at	DDX58	0.44991555	6.54552765	3.8284338	0.00016	0.00154	0.550317
1561181_PM_at	---	0.34070746	4.04656665	3.8283914	0.00016	0.00154	0.5501664
208829_PM_at	TAPBP	0.39689989	9.16557005	3.828012	0.00016	0.00155	0.5488212
224473_PM_x_at	LZTS2	0.27217123	7.44554865	3.827677	0.000161	0.00155	0.5476332
226227_PM_x_at	C20orf199	0.26513784	10.4854443	3.8273809	0.000161	0.00155	0.5465831
1563639_PM_a_at	FHAD1	-0.15804902	3.92620432	-3.827001	0.000161	0.00155	0.5452373
213454_PM_at	APITD1	-0.39641902	8.90053646	-3.826953	0.000161	0.00155	0.5450657
212780_PM_at	SOS1	-0.17395919	7.62689183	-3.826915	0.000161	0.00155	0.5449305
214085_PM_x_at	GLIPR1	0.65439915	7.62647298	3.8263658	0.000161	0.00155	0.5429844
220489_PM_s_at	---	-0.2037521	3.74069065	-3.825394	0.000162	0.00156	0.5395392
201480_PM_s_at	SUPT5H	0.22398373	7.72197393	3.8252885	0.000162	0.00156	0.5391661
211627_PM_x_at	ESR1	-0.35786003	4.75541384	-3.824648	0.000163	0.00156	0.5368964
220583_PM_at	---	-0.26843501	4.4640312	-3.824569	0.000163	0.00156	0.5366151
211101_PM_x_at	LILRA2	0.18292281	4.09713972	3.8243933	0.000163	0.00156	0.5359938
209683_PM_at	FAM49A	0.43800532	4.05899673	3.8242312	0.000163	0.00156	0.5354194
225334_PM_at	C10orf32	-0.2600906	9.82626827	-3.82335	0.000163	0.00157	0.5322987
227265_PM_at	FGL2	0.41179934	10.0723279	3.8232487	0.000163	0.00157	0.5319385
229261_PM_at	---	0.373461	5.08815833	3.8232023	0.000163	0.00157	0.5317743
215059_PM_at	---	-0.80967609	5.8447288	-3.823145	0.000163	0.00157	0.5315695
238887_PM_at	---	-0.24555375	4.65019495	-3.822618	0.000164	0.00157	0.5297031
213151_PM_s_at	---	0.17753615	11.1268694	3.8222123	0.000164	0.00157	0.5282679
229929_PM_at	SPSB4	-0.16777904	3.90262588	-3.821196	0.000165	0.00158	0.5246687
220750_PM_s_at	LEPRE1	0.34508783	6.33526053	3.8209977	0.000165	0.00158	0.5239671
201688_PM_s_at	TPD52	-0.79685108	7.50634025	-3.820244	0.000165	0.00158	0.5212993
213386_PM_at	C9orf125	0.32330064	4.71733875	3.8201731	0.000165	0.00158	0.521048
223858_PM_at	ESRRB	-0.28831492	4.23441671	-3.820039	0.000165	0.00159	0.5205745
236660_PM_at	---	-0.60863418	6.54233248	-3.819821	0.000166	0.00159	0.5198001
211716_PM_x_at	ARHGDI4	0.33621751	8.22305303	3.8193229	0.000166	0.00159	0.5180387
201432_PM_at	CAT	-0.37274078	11.5575713	-3.819248	0.000166	0.00159	0.5177722
1553802_PM_a_at	SOX3	-0.15303037	3.6717484	-3.819064	0.000166	0.00159	0.5171207
225618_PM_at	ARHGAP27	0.35449862	6.17440656	3.8189971	0.000166	0.00159	0.5168859
229562_PM_at	RPL10A	-0.33365505	5.14390502	-3.818984	0.000166	0.00159	0.5168379
201152_PM_s_at	MBNL1	0.26654323	10.2995116	3.8187096	0.000166	0.00159	0.5158683
235256_PM_s_at	GALM	-0.56824128	9.88353462	-3.818357	0.000167	0.00159	0.5146221
1557776_PM_at	LOC100133116	-0.52410176	5.52117911	-3.818212	0.000167	0.00159	0.5141083
210002_PM_at	GATA6	0.42397525	4.59431681	3.818192	0.000167	0.00159	0.5140369
209074_PM_s_at	FAM107A	0.4951967	8.3049419	3.8180706	0.000167	0.00159	0.5136076
201722_PM_s_at	GALNT1	0.24847475	8.98755517	3.8176927	0.000167	0.00159	0.5122706
240282_PM_at	WDR1	0.37790279	5.80026674	3.8176411	0.000167	0.00159	0.5120878
209547_PM_s_at	SF4	0.31746441	7.40819798	3.8174039	0.000167	0.0016	0.5112487
1555613_PM_a_at	ZAP70	0.45760998	3.99284603	3.8173468	0.000167	0.0016	0.5110467
232150_PM_at	---	0.50468919	7.10333493	3.8171958	0.000167	0.0016	0.5105129
210951_PM_x_at	RAB27A	0.55404021	5.66796614	3.8166613	0.000168	0.0016	0.508622
233206_PM_at	SLC22A23	-0.17227018	3.89856868	-3.815706	0.000168	0.0016	0.5052422
239237_PM_at	---	0.53858848	4.20538653	3.8151492	0.000169	0.00161	0.503275
201743_PM_at	CD14	0.59534479	8.32094806	3.8149233	0.000169	0.00161	0.5024765
225634_PM_at	ZC3HAV1	0.20642767	9.34110711	3.8147825	0.000169	0.00161	0.5019788
215617_PM_at	SPATS2L	0.37542794	3.95780685	3.8144308	0.000169	0.00161	0.5007352
241425_PM_at	NUPL1	0.52143839	5.8879858	3.8137414	0.000169	0.00161	0.4982984
239360_PM_at	---	-0.4307176	4.16055357	-3.813616	0.00017	0.00161	0.4978563
1558530_PM_at	LRTM2	-0.19849982	3.99715983	-3.813446	0.00017	0.00162	0.4972544
242503_PM_at	CHST13	-0.31879502	4.62083351	-3.812356	0.00017	0.00162	0.493402
1007_PM_s_at	DDR1	0.40573497	9.6490149	3.8121643	0.000171	0.00162	0.4927254
225836_PM_s_at	C12orf32	0.37970528	6.16784228	3.8116118	0.000171	0.00163	0.4907735
229321_PM_s_at	---	-0.29137584	7.5676729	-3.811132	0.000171	0.00163	0.4890777
232135_PM_at	SAP30L	0.3895527	5.30817914	3.8111267	0.000171	0.00163	0.48906
216685_PM_s_at	MTAP	-0.25522014	4.80516823	-3.810401	0.000172	0.00163	0.4864982
1555724_PM_s_at	TAGLN	0.76999776	8.43091469	3.8103653	0.000172	0.00163	0.4863708
227502_PM_at	---	-0.42833	6.54082053	-3.809993	0.000172	0.00163	0.4850578
216601_PM_at	LOC90586	-0.32429361	5.10893605	-3.80996	0.000172	0.00163	0.4849378
226810_PM_at	OGFRL1	0.42091795	8.30608596	3.8097294	0.000172	0.00163	0.4841251

214909_PM_s_at	DDAH2	0.49623349	7.619192	3.8094086	0.000172	0.00164	0.4829923
205119_PM_s_at	FPR1	0.80261331	5.61825337	3.8091995	0.000172	0.00164	0.4822543
227127_PM_at	TMEM110	-0.21758155	4.74718415	-3.809163	0.000173	0.00164	0.4821264
1553155_PM_x_at	ATP6V0D2	-0.70310602	8.68327862	-3.808969	0.000173	0.00164	0.4814404
226605_PM_at	DGKQ	0.38519788	5.7808993	3.8086843	0.000173	0.00164	0.4804353
227462_PM_at	ERAP2	0.98635723	7.37981404	3.8086564	0.000173	0.00164	0.480337
240280_PM_at	UFSP1	-0.28034093	4.5479624	-3.808592	0.000173	0.00164	0.4801092
203821_PM_at	HBEGF	0.38952669	6.17472193	3.8085647	0.000173	0.00164	0.480013
209811_PM_at	CASP2	0.52871041	5.84349356	3.8084748	0.000173	0.00164	0.4796957
227266_PM_s_at	FYB	0.65168725	7.05828718	3.8081498	0.000173	0.00164	0.4785486
1554102_PM_a_at	TMTC4	-0.40043666	4.58731144	-3.808077	0.000173	0.00164	0.4782925
240700_PM_at	TOR1AIP2	-0.20252418	4.33670251	-3.807803	0.000173	0.00164	0.4773257
222640_PM_at	DNMT3A	0.29636622	6.3418894	3.807684	0.000173	0.00164	0.4769047
236293_PM_at	---	0.5890539	3.98490953	3.8073441	0.000174	0.00164	0.4757048
1556329_PM_a_at	---	0.38872428	3.88294967	3.8072871	0.000174	0.00164	0.4755039
225260_PM_s_at	MRPL32	-0.27738469	10.0476194	-3.806944	0.000174	0.00164	0.4742936
223503_PM_at	TMEM163	0.61589078	4.67694755	3.8069048	0.000174	0.00164	0.4741547
1563560_PM_at	AHNAK	-0.41364583	5.30184208	-3.806788	0.000174	0.00164	0.4737425
211097_PM_s_at	PBX2	0.20654671	3.75042806	3.8067844	0.000174	0.00164	0.4737299
202800_PM_at	SLC1A3	0.72522895	5.87168595	3.8067754	0.000174	0.00164	0.4736981
215537_PM_x_at	DDAH2	0.47847345	7.62402168	3.8065097	0.000174	0.00165	0.4727607
41047_PM_at	C9orf16	0.4465005	8.10627318	3.8063852	0.000174	0.00165	0.4723214
241299_PM_at	---	0.17268695	3.65842559	3.8063574	0.000174	0.00165	0.4722233
229595_PM_at	CHCHD4	-0.22573311	8.56728283	-3.806011	0.000175	0.00165	0.4710017
205231_PM_s_at	EPM2A	-0.31619845	7.38702507	-3.805907	0.000175	0.00165	0.4706332
1562194_PM_at	---	0.59887234	5.62442777	3.8057334	0.000175	0.00165	0.4700216
235540_PM_at	GNRH1	0.18413015	3.64607303	3.8054921	0.000175	0.00165	0.4691704
227641_PM_at	FBXL16	0.56953998	7.51539563	3.8053448	0.000175	0.00165	0.4686509
218605_PM_at	TFB2M	-0.25192363	9.01053319	-3.805162	0.000175	0.00165	0.4680062
229285_PM_at	RNASEL	0.24240993	7.58591787	3.8050989	0.000175	0.00165	0.4677836
205456_PM_at	CD3E	0.20189542	3.56209178	3.8048522	0.000175	0.00165	0.4669134
241346_PM_at	ARHGAP30	-0.34670499	5.58794151	-3.804847	0.000175	0.00165	0.4668935
210291_PM_s_at	ZNF174	-0.23219184	4.92247658	-3.804373	0.000176	0.00165	0.4652244
222389_PM_s_at	WAC	0.29169087	9.15648671	3.8033733	0.000176	0.00166	0.4616981
231447_PM_at	MGC44328	-0.1946081	3.86890511	-3.803325	0.000176	0.00166	0.4615266
201650_PM_at	KRT19	0.65200069	8.75583899	3.8031496	0.000177	0.00166	0.4609093
220727_PM_at	KCNK10	-0.58595055	6.06801609	-3.802916	0.000177	0.00166	0.4600086
216160_PM_at	---	-0.19857743	4.00028473	-3.802603	0.000177	0.00166	0.4589835
223553_PM_s_at	DOK3	0.61785158	5.1321397	3.8025596	0.000177	0.00166	0.4588296
219803_PM_at	ANGPTL3	-1.07720369	8.15428575	-3.802413	0.000177	0.00166	0.458314
221601_PM_s_at	FAIM3	0.6739711	4.60917333	3.8023688	0.000177	0.00166	0.4581568
201261_PM_x_at	BGN	0.5310413	8.63552927	3.8022934	0.000177	0.00166	0.4578911
203748_PM_x_at	RBMS1	0.26127798	9.40834837	3.8020583	0.000177	0.00166	0.4570623
1554491_PM_a_at	SERPINC1	-0.40192035	4.09726779	-3.801878	0.000177	0.00167	0.4564281
204593_PM_s_at	SMCR7L	-0.23132587	7.27334032	-3.801538	0.000178	0.00167	0.4552304
225311_PM_at	IVD	-0.34792406	8.95337888	-3.801106	0.000178	0.00167	0.4537053
214957_PM_at	ACTL8	-0.21696472	4.27562047	-3.801047	0.000178	0.00167	0.4534989
219449_PM_s_at	TMEM70	-0.29869316	9.49350143	-3.800406	0.000178	0.00167	0.4512383
1562695_PM_at	FOXN4	-0.22707463	4.62790343	-3.800379	0.000178	0.00167	0.451146
226702_PM_at	CMPK2	0.71384709	6.04550352	3.8003562	0.000178	0.00167	0.4510644
211945_PM_s_at	ITGB1	0.20101911	11.7066356	3.799824	0.000179	0.00168	0.4491894
220733_PM_at	SLC26A1	-0.25594014	4.25339809	-3.799745	0.000179	0.00168	0.4489109
1566780_PM_at	---	0.25002697	3.71591609	3.7990631	0.000179	0.00168	0.446509
203851_PM_at	IGFBP6	0.73335834	8.27644096	3.7980072	0.00018	0.00169	0.4427906
208433_PM_s_at	LRP8	0.24449649	3.90688061	3.7979327	0.00018	0.00169	0.4425281
223389_PM_s_at	ZNF581	0.3463439	6.97875596	3.7978734	0.00018	0.00169	0.4423193
215025_PM_at	NTRK3	0.18788844	3.61671824	3.7978628	0.00018	0.00169	0.4422821
211950_PM_at	UBR4	0.25732111	9.76430887	3.7978576	0.00018	0.00169	0.4422636
243115_PM_at	---	0.57763803	5.16883168	3.7978066	0.00018	0.00169	0.4420839
200019_PM_s_at	FAU	0.12580162	12.1240204	3.7976817	0.00018	0.00169	0.4416442
204565_PM_at	ACOT13	-0.42342393	10.3279959	-3.797238	0.000181	0.00169	0.4400818
207387_PM_s_at	GK	-0.78209416	7.62913778	-3.797047	0.000181	0.00169	0.4394082
235402_PM_at	C11orf66	-0.3401646	4.18217472	-3.796612	0.000181	0.00169	0.4378768
202110_PM_at	COX7B	-0.15209079	12.2945951	-3.796502	0.000181	0.00169	0.4374898
225146_PM_at	C9orf25	0.30995849	7.3572589	3.796334	0.000181	0.00169	0.4368998

232398_PM_at	CCDC150	-0.65835332	5.68725948	-3.796239	0.000181	0.00169	0.4365646
1557164_PM_a_at	---	0.33501875	4.59310898	3.7961062	0.000181	0.00169	0.4360979
215223_PM_s_at	SOD2	0.55944249	8.87155606	3.7955832	0.000182	0.0017	0.4342573
204189_PM_at	RARG	-0.40714647	5.7162376	-3.795494	0.000182	0.0017	0.4339442
226485_PM_at	VSIG10	0.44332532	7.09340421	3.7952873	0.000182	0.0017	0.433216
212014_PM_x_at	CD44	0.63028193	5.93139183	3.7952119	0.000182	0.0017	0.4329504
209360_PM_s_at	RUNX1	0.5983685	5.96677735	3.7948383	0.000182	0.0017	0.4316359
205474_PM_at	CRLF3	0.4442244	7.70073353	3.7945485	0.000182	0.0017	0.430616
207857_PM_at	LILRA2	0.29257963	4.00252431	3.7945289	0.000182	0.0017	0.4305471
211783_PM_s_at	MTA1	0.37433934	8.02077554	3.793139	0.000183	0.00171	0.4256576
219609_PM_at	WDR25	-0.26591674	5.32426744	-3.793131	0.000183	0.00171	0.4256295
1554078_PM_s_at	DNAJA3	-0.19631072	9.2884289	-3.792952	0.000184	0.00171	0.4250013
238444_PM_at	ZNF618	0.33880026	7.24393259	3.7924271	0.000184	0.00171	0.423154
1554201_PM_at	CABP4	-0.30911834	5.03255279	-3.792271	0.000184	0.00171	0.4226037
229435_PM_at	GLIS3	0.36546778	7.59541146	3.7915593	0.000185	0.00172	0.4201023
240340_PM_at	SPATA3	-0.27093155	4.50995045	-3.791556	0.000185	0.00172	0.4200923
204061_PM_at	PRKX	0.608693	5.48419611	3.7909717	0.000185	0.00172	0.4180365
1556323_PM_at	CELF2	0.34672022	3.6586914	3.7909058	0.000185	0.00172	0.417805
205711_PM_x_at	ATP5C1	-0.21680288	11.8217014	-3.790757	0.000185	0.00172	0.4172828
227607_PM_at	STAMBPL1	0.46310191	6.24806088	3.7897188	0.000186	0.00173	0.4136329
221620_PM_s_at	APOO	-0.31107873	9.53723292	-3.788864	0.000186	0.00173	0.4106303
240455_PM_at	---	0.18840353	3.69674952	3.78884	0.000186	0.00173	0.4105447
230239_PM_at	ROCK1	-0.33052747	4.60714059	-3.788767	0.000187	0.00173	0.4102868
228197_PM_at	C1orf86	-0.27044802	3.88022697	-3.788545	0.000187	0.00173	0.4095086
226933_PM_s_at	LOC100287917	0.51890712	4.77460862	3.7878506	0.000187	0.00174	0.4070686
234941_PM_s_at	GPHN	-0.3945817	4.72070222	-3.787576	0.000187	0.00174	0.406105
223003_PM_at	C19orf43	0.23813743	9.78047983	3.7872749	0.000188	0.00174	0.4050464
217545_PM_at	MYH14	-0.22109572	4.1976088	-3.787254	0.000188	0.00174	0.4049716
212418_PM_at	ELF1	0.36534407	7.62668397	3.7869939	0.000188	0.00174	0.4040595
239663_PM_x_at	LARP1	-0.24236695	4.3320133	-3.786823	0.000188	0.00174	0.4034607
208898_PM_at	ATP6V1D	-0.20245332	10.3482258	-3.786673	0.000188	0.00174	0.4029338
242945_PM_at	FAM20A	0.55889052	4.90648192	3.7864982	0.000188	0.00174	0.4023184
236327_PM_at	---	0.4209912	4.23332925	3.7860575	0.000188	0.00175	0.4007709
237503_PM_at	SLC5A8	-0.22838265	3.6663869	-3.785783	0.000189	0.00175	0.3998074
209236_PM_at	SLC23A2	0.39650202	5.37713474	3.7852813	0.000189	0.00175	0.3980457
203603_PM_s_at	ZEB2	0.50152962	6.81205304	3.7849188	0.000189	0.00175	0.396773
230423_PM_at	---	-0.18143396	3.70603335	-3.784425	0.00019	0.00175	0.3950407
212952_PM_at	---	0.3861622	8.41203358	3.7837669	0.00019	0.00176	0.39273
210139_PM_s_at	PMP22	0.48718144	9.03297461	3.7836783	0.00019	0.00176	0.392419
226284_PM_at	ZBTB2	0.23721497	7.4039417	3.7833776	0.00019	0.00176	0.3913638
227232_PM_at	EVL	0.55909018	6.14491884	3.7833452	0.00019	0.00176	0.3912501
205012_PM_s_at	HAGH	-0.41520011	9.44876996	-3.78293	0.000191	0.00176	0.3897918
236050_PM_at	C11orf35	-0.26065519	4.58295381	-3.782835	0.000191	0.00176	0.3894597
219547_PM_at	COX15	-0.16982593	8.3396141	-3.782619	0.000191	0.00176	0.3887006
235606_PM_at	LOC344595	0.27749129	4.00656771	3.7823086	0.000191	0.00177	0.3876129
200612_PM_s_at	AP2B1	0.28148645	8.86774897	3.7822972	0.000191	0.00177	0.3875728
232980_PM_at	LMBRD1	0.22184307	3.83988589	3.7817996	0.000192	0.00177	0.3858274
200967_PM_at	PPIB	0.15137452	11.510981	3.7816724	0.000192	0.00177	0.3853809
212791_PM_at	C1orf216	0.3486641	4.36064267	3.7812635	0.000192	0.00177	0.3839467
232220_PM_at	S100A7A	-0.1918561	3.98401651	-3.780524	0.000192	0.00178	0.3813543
205355_PM_at	ACADSB	-0.58746489	8.38161131	-3.78033	0.000193	0.00178	0.3806747
239692_PM_at	---	0.17718287	3.54690422	3.7798929	0.000193	0.00178	0.3791403
221798_PM_x_at	---	0.12411329	12.879115	3.7797686	0.000193	0.00178	0.3787046
204947_PM_at	E2F1	-0.24312368	5.14548468	-3.779262	0.000193	0.00178	0.3769274
226424_PM_at	CAPS	0.33849115	8.12253803	3.7792216	0.000193	0.00178	0.3767868
227795_PM_at	NDUFV1	-0.17119415	3.93477734	-3.778607	0.000194	0.00179	0.3746338
223535_PM_at	NUDT12	-0.35542877	7.74386825	-3.778211	0.000194	0.00179	0.3732438
214010_PM_s_at	ATP9B	-0.22604726	5.20255949	-3.778103	0.000194	0.00179	0.3728658
222416_PM_at	ALDH18A1	0.21138266	9.2373505	3.7778555	0.000194	0.00179	0.3719985
202958_PM_at	PTPN9	0.2671293	5.65623996	3.7777799	0.000195	0.00179	0.3717333
222182_PM_s_at	CNOT2	0.16565473	8.94547717	3.7777756	0.000195	0.00179	0.3717183
212377_PM_s_at	NOTCH2	0.28351661	9.23142483	3.7775122	0.000195	0.00179	0.3707955
210226_PM_at	NR4A1	-0.16582205	3.66648917	-3.776703	0.000195	0.0018	0.3679601
222681_PM_at	KTELC1	0.33627858	7.00190758	3.7755818	0.000196	0.0018	0.3640323
227846_PM_at	GPR176	0.37644927	6.60333491	3.7754301	0.000196	0.0018	0.3635009

212471_PM_at	AVL9	-0.18101182	3.84641434	-3.775368	0.000196	0.0018	0.3632838
222929_PM_at	FAM160B2	0.15902985	3.68731309	3.7753192	0.000196	0.0018	0.3631125
209004_PM_s_at	FBXL5	-0.25001514	10.9635991	-3.775289	0.000196	0.0018	0.3630052
203914_PM_x_at	HPGD	-0.66926118	9.30484425	-3.775077	0.000197	0.0018	0.3622642
215631_PM_s_at	BRMS1	0.28986363	7.4977317	3.7748285	0.000197	0.00181	0.3613939
218418_PM_s_at	KANK2	0.34560486	9.15150902	3.7747166	0.000197	0.00181	0.3610021
213415_PM_at	CLIC2	0.55484398	6.80035501	3.7743801	0.000197	0.00181	0.3598238
205192_PM_at	MAP3K14	0.289654	5.41835046	3.7743342	0.000197	0.00181	0.3596628
1559957_PM_a_at	LOC642852	0.34775207	6.16235184	3.7741303	0.000197	0.00181	0.358949
240389_PM_at	TRPM6	-0.2261835	3.57625681	-3.774039	0.000197	0.00181	0.3586306
220209_PM_at	PYY2	-0.17594312	3.56780683	-3.773762	0.000198	0.00181	0.3576606
202508_PM_s_at	SNAP25	0.3423734	4.04135145	3.7736456	0.000198	0.00181	0.3572517
205745_PM_x_at	ADAM17	0.30548776	7.33525409	3.7735576	0.000198	0.00181	0.3569438
217988_PM_at	CCNB1IP1	-0.26549657	9.26128865	-3.773397	0.000198	0.00181	0.3563808
218384_PM_at	CARHSP1	0.4530912	7.97905687	3.7724202	0.000199	0.00182	0.3529624
238909_PM_at	---	0.4423355	5.07936795	3.7722842	0.000199	0.00182	0.3524862
203499_PM_at	EPHA2	0.32066939	5.69406985	3.7718091	0.000199	0.00182	0.3508234
203888_PM_at	THBD	0.51162748	5.29366719	3.7713926	0.000199	0.00182	0.349366
206734_PM_at	JRKL	0.30311516	6.59028616	3.7713923	0.000199	0.00182	0.3493651
204099_PM_at	SMARCD3	0.50427354	6.4009952	3.7713049	0.000199	0.00182	0.3490594
2171313_PM_at	---	0.40235485	6.55011762	3.7711693	0.000199	0.00182	0.3485846
223989_PM_s_at	REXO2	-0.48684692	8.76630907	-3.770907	0.0002	0.00182	0.3476659
216076_PM_at	L3MBTL	-0.38381113	4.78508894	-3.770329	0.0002	0.00183	0.3456462
228729_PM_at	CCNB1	0.28986014	3.81850679	3.7693698	0.000201	0.00183	0.3422895
224302_PM_s_at	MRPS36	-0.25070529	10.0909358	-3.769264	0.000201	0.00183	0.3419189
214833_PM_at	TMEM63A	0.56189119	4.95847317	3.7690319	0.000201	0.00184	0.3411108
1556266_PM_a_at	C20orf202	-0.16990799	4.27974593	-3.768842	0.000201	0.00184	0.3404434
237063_PM_at	---	-0.26718624	4.1744292	-3.768366	0.000202	0.00184	0.3387791
229444_PM_at	---	-0.35798756	8.1610573	-3.767867	0.000202	0.00184	0.3370334
229202_PM_at	---	0.39168536	6.72965172	3.7669695	0.000203	0.00185	0.3338971
211784_PM_s_at	SFRS1	0.18109304	10.3369154	3.7663458	0.000203	0.00185	0.3317169
236123_PM_at	ST7L	0.31654701	3.85154914	3.7662718	0.000203	0.00185	0.3314583
238334_PM_at	SPRN	-0.24620886	4.38294688	-3.765735	0.000204	0.00186	0.3295826
223664_PM_x_at	BCL2L13	-0.3059726	5.30466126	-3.765271	0.000204	0.00186	0.3279593
204110_PM_at	HNMT	-0.19411795	3.71193839	-3.764929	0.000204	0.00186	0.3267657
233194_PM_at	---	-0.3177974	3.73096794	-3.76448	0.000205	0.00186	0.325197
225305_PM_at	SLC25A29	0.41169377	8.07608863	3.7644557	0.000205	0.00186	0.3251126
213982_PM_s_at	RABGAP1L	0.45369354	6.91472272	3.7644063	0.000205	0.00186	0.3249399
224509_PM_s_at	RTN4IP1	-0.27791649	6.79586323	-3.764388	0.000205	0.00186	0.3248775
226496_PM_at	ZCCHC7	0.28883861	7.6351823	3.7643154	0.000205	0.00186	0.3246224
206892_PM_at	AMHR2	-0.18331831	4.33330177	-3.764174	0.000205	0.00186	0.3241294
214170_PM_x_at	FH	-0.22425325	10.519701	-3.764035	0.000205	0.00186	0.3236446
213214_PM_x_at	ACTG1	0.1228807	12.5802148	3.7639713	0.000205	0.00186	0.3234205
230490_PM_x_at	RSU1	0.23319927	7.6261203	3.763776	0.000205	0.00186	0.3227384
239428_PM_at	---	-0.26523065	4.30452927	-3.763746	0.000205	0.00186	0.3226342
205934_PM_at	PLCL1	-0.52324495	8.20208696	-3.763356	0.000205	0.00187	0.3212731
223067_PM_at	CWC15	-0.19619519	10.5486675	-3.763209	0.000206	0.00187	0.3207591
243326_PM_at	---	-0.18583858	3.95068209	-3.762751	0.000206	0.00187	0.3191572
218688_PM_at	DAK	-0.5804492	6.99553341	-3.76195	0.000207	0.00188	0.3163602
240116_PM_at	---	-0.34937684	4.81062375	-3.760991	0.000207	0.00188	0.3130126
225706_PM_at	GLCC1	0.38865114	7.99344846	3.7609218	0.000207	0.00188	0.3127725
222450_PM_at	PMEPA1	0.41868552	7.53250602	3.7604505	0.000208	0.00188	0.3111273
241478_PM_at	MICALL2	-0.48347011	5.71357276	-3.7595	0.000209	0.00189	0.3078122
244080_PM_at	LOC100287039	-0.26513602	4.30091674	-3.75912	0.000209	0.00189	0.3064854
1557437_PM_a_at	---	0.38505487	4.11199174	3.7590331	0.000209	0.00189	0.3061816
200657_PM_at	SLC25A5	-0.24803988	11.8502305	-3.759021	0.000209	0.00189	0.3061395
235811_PM_at	---	0.61566719	4.65944594	3.7586032	0.000209	0.0019	0.3046816
205038_PM_at	IKZF1	0.32331552	4.56994062	3.7583842	0.000209	0.0019	0.3039176
223591_PM_at	RNF135	-0.24985245	8.7753302	-3.758381	0.000209	0.0019	0.3039075
200801_PM_x_at	ACTB	0.20254179	12.4898831	3.7581572	0.00021	0.0019	0.3031257
202440_PM_s_at	ST5	0.43662798	6.39432125	3.7574222	0.00021	0.0019	0.3005622
201500_PM_s_at	PPP1R11	0.20291093	9.83126812	3.7573571	0.00021	0.0019	0.3003354
217166_PM_at	---	0.18090844	4.05566042	3.7573276	0.00021	0.0019	0.3002324
230011_PM_at	MEI1	0.48263153	4.15742956	3.7568985	0.000211	0.0019	0.2987361
238316_PM_at	ZNF567	-0.16064822	3.92648354	-3.756638	0.000211	0.00191	0.297827

208887_PM_at	EIF3G	0.21394771	9.70215867	3.7562877	0.000211	0.00191	0.2966063
222136_PM_x_at	ZNF43	0.2908188	7.48069808	3.7562554	0.000211	0.00191	0.2964937
225931_PM_s_at	RNF213	0.55652413	7.07361566	3.7559368	0.000211	0.00191	0.2953829
236029_PM_at	FAT3	0.45455563	4.26905888	3.755872	0.000211	0.00191	0.2951569
223986_PM_x_at	DMRT2	-0.43186916	5.11197729	-3.755796	0.000211	0.00191	0.2948916
231577_PM_s_at	GBP1	0.65607708	9.11915967	3.7553	0.000212	0.00191	0.2931629
213980_PM_s_at	CTBP1	0.1711794	9.43723194	3.7552919	0.000212	0.00191	0.2931348
241400_PM_at	---	0.41111172	5.24875756	3.7550685	0.000212	0.00191	0.2923559
209018_PM_s_at	PINK1	-0.32942065	8.85542048	-3.755042	0.000212	0.00191	0.2922635
226117_PM_at	TIFA	0.54917278	6.48527339	3.7546218	0.000212	0.00192	0.290799
210084_PM_x_at	TPSAB1	0.36907719	4.18442926	3.7543701	0.000213	0.00192	0.2899218
211392_PM_s_at	PATZ1	-0.24129863	4.2959931	-3.754259	0.000213	0.00192	0.2895364
237401_PM_at	ACTN1	-0.16451969	3.95210269	-3.754129	0.000213	0.00192	0.289082
1567081_PM_x_at	CLN6	-0.21244399	4.44472841	-3.753141	0.000214	0.00193	0.2856398
222712_PM_s_at	MUC13	-0.83952284	5.02242573	-3.752761	0.000214	0.00193	0.2843161
218759_PM_at	DVL2	-0.27251359	4.88905185	-3.752442	0.000214	0.00193	0.2832046
206712_PM_at	GRTP1	-0.22991262	3.93907422	-3.752281	0.000214	0.00193	0.2826424
220089_PM_at	L2HGDH	-0.36678522	5.61607626	-3.752059	0.000214	0.00193	0.2818689
214147_PM_at	C1orf175	-0.2116467	3.89808504	-3.751759	0.000215	0.00193	0.2808247
224741_PM_x_at	GASS	0.26791791	10.3521429	3.7517003	0.000215	0.00193	0.2806205
231067_PM_s_at	AKAP12	0.45106525	4.16534238	3.7513371	0.000215	0.00194	0.2793556
222647_PM_at	SLC35C1	0.28444211	5.35946807	3.7511593	0.000215	0.00194	0.2787366
224673_PM_at	LENG8	0.47641652	5.28626643	3.7510553	0.000215	0.00194	0.2783744
212414_PM_s_at	GLYR1 /// SEPT6	0.38256464	8.23597422	3.7510222	0.000215	0.00194	0.2782593
201007_PM_at	HADHB	-0.19205118	11.5380035	-3.750799	0.000216	0.00194	0.2774824
207157_PM_s_at	GN5	0.14284935	11.3063995	3.7505486	0.000216	0.00194	0.2766101
220642_PM_x_at	GPR89A /// GPR89B /// GPR89C	-0.46502731	9.59181857	-3.750501	0.000216	0.00194	0.276445
208412_PM_s_at	RARB	-0.25804606	4.43184454	-3.750147	0.000216	0.00194	0.2752128
1552842_PM_at	H565T3	-0.16678741	3.52711081	-3.750049	0.000216	0.00194	0.2748706
212593_PM_s_at	PDCD4	0.26642249	9.12102505	3.7495518	0.000217	0.00194	0.2731396
211774_PM_s_at	MMACHC	-0.31112037	6.10113743	-3.749289	0.000217	0.00194	0.2722233
226887_PM_at	HSPA14	0.29184109	5.87365148	3.7492837	0.000217	0.00194	0.2722067
209016_PM_s_at	KRT7	0.60500458	7.65518676	3.7492688	0.000217	0.00194	0.2721548
1569091_PM_at	---	0.29567295	3.91140864	3.7486907	0.000217	0.00195	0.2701427
229997_PM_at	VANGL1	0.3521306	6.9466781	3.7484691	0.000217	0.00195	0.2693713
236322_PM_at	---	0.52450335	4.95442152	3.7484315	0.000217	0.00195	0.2692406
228298_PM_at	FAM113B	0.50302917	4.82460815	3.7483022	0.000218	0.00195	0.2687907
205246_PM_at	PEX13	-0.40496439	6.62699925	-3.748179	0.000218	0.00195	0.2683611
210323_PM_at	TEKT2	0.16446796	3.84209836	3.7481515	0.000218	0.00195	0.2682662
201811_PM_x_at	SH3BP5	0.28746137	10.3255853	3.7481215	0.000218	0.00195	0.2681619
206541_PM_at	KLKB1	-0.49028591	6.09321	-3.748009	0.000218	0.00195	0.2677687
242404_PM_at	---	-0.2961399	4.00875404	-3.747414	0.000218	0.00195	0.2657013
212561_PM_at	DENND5A	0.24096767	8.99815249	3.7473758	0.000218	0.00195	0.2655669
208813_PM_at	GOT1	-0.39153717	10.1829309	-3.747288	0.000218	0.00195	0.2652609
243755_PM_at	PRLR	-0.47030535	4.78640779	-3.747222	0.000218	0.00195	0.2650331
225364_PM_at	STK4	0.30668433	8.62743021	3.7469734	0.000219	0.00196	0.2641673
224153_PM_s_at	C14orf167	-0.28906788	4.59659323	-3.746887	0.000219	0.00196	0.2638677
224400_PM_s_at	CHST9	0.44870733	4.04298405	3.7467844	0.000219	0.00196	0.2635096
211059_PM_s_at	GOLGA2	-0.27327172	5.76471529	-3.746642	0.000219	0.00196	0.2630128
230246_PM_at	PLAC9	-0.36196379	4.99349777	-3.746517	0.000219	0.00196	0.2625811
1560384_PM_a_at	---	-0.38363081	4.78876522	-3.746444	0.000219	0.00196	0.2623239
220047_PM_at	SIRT4	-0.289216	4.85415674	-3.745913	0.00022	0.00196	0.2604796
225756_PM_at	CSNK1E	0.35788032	7.00637383	3.7455284	0.00022	0.00196	0.2591411
1566766_PM_a_at	MACC1	0.57546108	6.66481349	3.7454765	0.00022	0.00196	0.2589607
226678_PM_at	UNC13D	-0.26521463	5.04717545	-3.745346	0.00022	0.00196	0.2585068
212335_PM_at	GNS	-0.28509831	9.84188002	-3.744957	0.00022	0.00197	0.2571535
229826_PM_at	LOC440957	-0.35756797	7.41896232	-3.744776	0.00022	0.00197	0.2565231
219325_PM_s_at	ELAC1	-0.16788438	3.78149782	-3.74465	0.000221	0.00197	0.2560854
1558329_PM_at	NFKBIL2	-0.15876701	3.76828286	-3.744633	0.000221	0.00197	0.2560273
225980_PM_at	C14orf43	0.27694315	7.21734814	3.7444694	0.000221	0.00197	0.2554589
234149_PM_at	---	0.24750793	3.46167032	3.7442802	0.000221	0.00197	0.2548012
226750_PM_at	LARP1B	-0.30352307	6.89029513	-3.744176	0.000221	0.00197	0.25444
212295_PM_s_at	SLC7A1	0.35431122	7.94773428	3.7440578	0.000221	0.00197	0.2540278
202153_PM_s_at	NUP62	0.24358171	8.69580003	3.7433001	0.000222	0.00197	0.2513942
231221_PM_at	CLEC16A	-0.23085149	3.74697124	-3.743177	0.000222	0.00197	0.2509648

227508_PM_at	---	0.32458007	5.13052522	3.7431448	0.000222	0.00197	0.2508542
243109_PM_at	MCTP2	0.43364992	4.95341291	3.7431336	0.000222	0.00197	0.2508153
206337_PM_at	CCR7	0.59350805	4.04203436	3.7420909	0.000223	0.00198	0.2471916
217773_PM_s_at	NDUFA4	-0.15575993	12.0638485	-3.741911	0.000223	0.00198	0.2465661
233059_PM_at	---	-0.62402413	7.99929208	-3.741721	0.000223	0.00198	0.2459053
230790_PM_x_at	---	0.26357866	3.79954528	3.7416847	0.000223	0.00198	0.2457803
220107_PM_s_at	FAM164C	-0.33702827	5.43282371	-3.741569	0.000223	0.00198	0.2453793
209897_PM_s_at	SLIT2	-0.56132113	8.0451467	-3.741399	0.000223	0.00198	0.2447879
235152_PM_at	---	0.3702944	6.37345576	3.7410704	0.000224	0.00199	0.2436462
222728_PM_s_at	TAF1D	0.26982864	9.67264887	3.7405478	0.000224	0.00199	0.2418307
232151_PM_at	MACC1	0.68328781	6.18205558	3.7404282	0.000224	0.00199	0.2414156
208128_PM_x_at	KIF25	-0.20732601	4.15357874	-3.739571	0.000225	0.002	0.2384382
203817_PM_at	GUCY1B3	0.24906724	8.84324864	3.7393788	0.000225	0.002	0.2377709
232396_PM_at	---	0.49402467	6.0353763	3.7393438	0.000225	0.002	0.2376494
214966_PM_at	GRIK5	-0.17712657	3.64722092	-3.739188	0.000225	0.002	0.2371083
205877_PM_s_at	ZC3H7B	-0.25384712	7.40842553	-3.739116	0.000225	0.002	0.236858
210691_PM_s_at	CACYBP	-0.38700784	8.35731537	-3.738928	0.000225	0.002	0.236207
220428_PM_at	CD207	0.1706553	3.3853204	3.7386601	0.000226	0.002	0.2352753
1556346_PM_at	---	-0.61719501	5.87369846	-3.73805	0.000226	0.002	0.233157
213613_PM_s_at	---	-0.1978277	4.05024283	-3.737954	0.000226	0.002	0.2328251
219884_PM_at	LHX6	0.45949722	5.19557501	3.737952	0.000226	0.002	0.2328171
1568916_PM_at	SPIRE2	0.14221686	3.68328504	3.7377141	0.000226	0.00201	0.2319914
242859_PM_at	---	0.62598162	6.48203447	3.7370095	0.000227	0.00201	0.2295458
206085_PM_s_at	CTH	-0.73081254	5.71547186	-3.736578	0.000227	0.00201	0.2280501
226765_PM_at	SPTBN1	0.37797424	7.69052833	3.7362906	0.000228	0.00201	0.2270513
220094_PM_s_at	CCDC90A	-0.27134226	9.6099828	-3.73593	0.000228	0.00202	0.2258017
205686_PM_s_at	CD86	0.55934963	4.40498521	3.7358877	0.000228	0.00202	0.2256531
1568592_PM_at	TRIM69	0.33312865	8.93098619	3.7352887	0.000229	0.00202	0.223575
234008_PM_s_at	CES3	-0.37226144	5.67539727	-3.734629	0.000229	0.00203	0.2212873
211776_PM_s_at	EPB41L3	-0.59490969	8.76781091	-3.73458	0.000229	0.00203	0.2211154
206037_PM_at	CCB1	-0.27968138	6.64583683	-3.734215	0.000229	0.00203	0.2198495
204363_PM_at	F3	-0.38542459	7.06633078	-3.734172	0.00023	0.00203	0.219702
244707_PM_at	---	-0.25612177	4.33175897	-3.73394	0.00023	0.00203	0.2188976
220546_PM_at	MLL	0.36226973	4.86893392	3.7338312	0.00023	0.00203	0.2185198
32625_PM_at	NPR1	0.39862488	7.08413118	3.7333878	0.00023	0.00203	0.2169822
203007_PM_x_at	LYPLA1	-0.29976788	9.48335219	-3.733293	0.00023	0.00203	0.2166551
200690_PM_at	HSPA9	-0.28051518	8.09770268	-3.733293	0.00023	0.00203	0.2166547
218151_PM_x_at	GPR172A	0.35654254	7.22638003	3.732994	0.000231	0.00203	0.2156168
226965_PM_at	FAM116A	0.22057317	9.05114082	3.7316494	0.000232	0.00204	0.2109557
243445_PM_at	BNC2	-0.37040968	4.578084	-3.730852	0.000232	0.00205	0.2081932
1555728_PM_a_at	MS4A4A	0.86555097	7.0481133	3.730769	0.000232	0.00205	0.2079044
227082_PM_at	---	0.47991746	8.9449422	3.7305525	0.000233	0.00205	0.2071541
218353_PM_at	RGS5	0.49689157	9.67271231	3.7301763	0.000233	0.00205	0.2058508
208218_PM_s_at	ACVR1B	-0.27756091	4.32736892	-3.730017	0.000233	0.00205	0.2052977
239379_PM_at	---	0.49044228	5.20424445	3.7298997	0.000233	0.00205	0.2048924
1560422_PM_at	---	0.28105566	3.52880202	3.7298512	0.000233	0.00205	0.2047244
234948_PM_at	SLC27A5	-0.16043911	3.86611312	-3.729825	0.000233	0.00205	0.2046347
217863_PM_at	PIAS1	0.28319635	7.57699727	3.7296115	0.000233	0.00205	0.2038937
205668_PM_at	LY75	0.68496617	6.38247867	3.729373	0.000234	0.00206	0.2030677
216584_PM_at	---	-0.32378223	5.67586507	-3.729223	0.000234	0.00206	0.202549
221032_PM_s_at	TMPRSS5	-0.26850145	4.42667993	-3.728335	0.000235	0.00206	0.1994739
230503_PM_at	---	0.49031006	7.08394531	3.7282783	0.000235	0.00206	0.199276
1569107_PM_s_at	ZNF642	0.17816992	3.60815604	3.7281378	0.000235	0.00206	0.1987894
209363_PM_s_at	MED21	-0.38955935	8.07281501	-3.727905	0.000235	0.00207	0.1979848
206330_PM_s_at	SHC3	-0.15688032	3.78957379	-3.72783	0.000235	0.00207	0.1977232
1562948_PM_at	---	0.31106666	4.27369558	3.727475	0.000235	0.00207	0.1964944
1569294_PM_at	---	-0.23928151	4.50774488	-3.72727	0.000236	0.00207	0.1957851
227647_PM_at	KCNE3	-0.38827279	9.1600986	-3.726972	0.000236	0.00207	0.1947521
213876_PM_x_at	ZRSR2	0.29573004	6.89764089	3.7267677	0.000236	0.00207	0.1940456
203726_PM_s_at	LAMA3	0.51228974	4.84875382	3.7267235	0.000236	0.00207	0.1938923
239304_PM_at	MFSD4	-0.34783514	5.18298828	-3.726712	0.000236	0.00207	0.1938515
238055_PM_at	ATP8B1	0.41920982	7.10179036	3.7262848	0.000236	0.00207	0.1923738
234062_PM_at	---	-0.18282073	3.80040303	-3.72579	0.000237	0.00208	0.1906621
243537_PM_at	---	0.34438401	4.9901185	3.7256172	0.000237	0.00208	0.1900663
228156_PM_at	---	0.46172241	6.91227419	3.7251697	0.000237	0.00208	0.1885141

239762_PM_at	LOC286437	0.33464867	6.72527931	3.7249398	0.000238	0.00208	0.1877185
213811_PM_x_at	TCF3	0.34570228	7.56686497	3.7249197	0.000238	0.00208	0.1876492
216531_PM_at	YY2	-0.19142799	4.20246796	-3.723966	0.000239	0.00209	0.1843476
223142_PM_s_at	UCK1	-0.37708459	5.18418928	-3.723742	0.000239	0.00209	0.1835752
236475_PM_at	MICAL2	0.17907013	3.87261735	3.7237068	0.000239	0.00209	0.1834527
201828_PM_x_at	FAM127A	0.20645865	9.58352748	3.7236463	0.000239	0.00209	0.1832435
222001_PM_x_at	LOC728855	0.31715082	9.15812218	3.7235955	0.000239	0.00209	0.1830677
225795_PM_at	C22orf32	-0.24734989	10.153196	-3.722769	0.00024	0.0021	0.1802094
230800_PM_at	ADCY4	0.37910758	6.3764961	3.7226327	0.00024	0.0021	0.1797375
230032_PM_at	OSGEP1	-0.23650914	8.2790549	-3.722157	0.00024	0.0021	0.1780914
226212_PM_s_at	INSR	-0.53918128	6.01214622	-3.721999	0.00024	0.0021	0.1775455
207826_PM_s_at	ID3	0.35418501	8.74105082	3.721984	0.00024	0.0021	0.1774939
213801_PM_x_at	RPSA	0.11074838	12.4158724	3.7219642	0.00024	0.0021	0.1774255
224595_PM_at	SLC44A1	0.28516208	8.82042254	3.7219352	0.00024	0.0021	0.1773253
226781_PM_at	C7orf55 /// LUC7L2	-0.26472529	8.93344578	-3.721875	0.00024	0.0021	0.1771185
243134_PM_at	---	0.50826407	5.0484071	3.7218348	0.00024	0.0021	0.1769781
236583_PM_at	GIMAP1	0.41794298	6.08644411	3.7217589	0.000241	0.0021	0.1767158
1563364_PM_at	---	0.31518729	4.10755175	3.7215874	0.000241	0.0021	0.1761228
238424_PM_at	ADAL	-0.28326506	6.93725351	-3.72127	0.000241	0.0021	0.1750242
239220_PM_at	---	-0.35568447	5.6586457	-3.721111	0.000241	0.0021	0.1744762
235457_PM_at	MAML2	0.2571263	9.14401926	3.7209466	0.000241	0.0021	0.1739071
205182_PM_s_at	ZNF324	0.30419992	5.78174227	3.7207404	0.000241	0.00211	0.1731945
242622_PM_x_at	PTEN	0.22159325	3.83636831	3.7206484	0.000242	0.00211	0.1728763
244515_PM_at	PSMD7	0.32091884	4.18953128	3.7205251	0.000242	0.00211	0.17245
235659_PM_at	---	-0.27623148	6.13919448	-3.720515	0.000242	0.00211	0.1724152
202863_PM_at	SP100	0.23082935	8.4190299	3.7202715	0.000242	0.00211	0.1715736
37004_PM_at	SFTPB	-0.14616754	3.81405902	-3.720261	0.000242	0.00211	0.1715384
205219_PM_s_at	GALK2	-0.47340569	7.27550073	-3.720247	0.000242	0.00211	0.1714893
204474_PM_at	ZNF142	0.22106139	5.60639655	3.7202037	0.000242	0.00211	0.1713392
213115_PM_at	ATG4A	-0.20597703	7.5735694	-3.720154	0.000242	0.00211	0.171168
238191_PM_at	---	-0.42664685	7.82981617	-3.719991	0.000242	0.00211	0.1706042
215311_PM_at	NTRK3	0.52615204	4.64470263	3.7198743	0.000242	0.00211	0.1702006
1553171_PM_x_at	LRRN4	0.40444942	4.07902513	3.7197331	0.000242	0.00211	0.1697127
214386_PM_at	---	-0.18536946	4.01393714	-3.719558	0.000243	0.00211	0.1691065
220410_PM_s_at	CAMSAP1	0.17441377	3.7786428	3.7195431	0.000243	0.00211	0.169056
225234_PM_at	CBL	0.40830149	6.56053556	3.7181424	0.000244	0.00212	0.164216
203011_PM_at	IMPA1	-0.21313197	9.43835359	-3.717906	0.000244	0.00212	0.1633982
212997_PM_s_at	TLK2	0.25016863	7.29774503	3.7173899	0.000244	0.00212	0.1616166
214265_PM_at	ITGA8	0.64318084	6.1857152	3.7162434	0.000246	0.00213	0.157657
226347_PM_at	---	0.35685605	8.17570819	3.7160175	0.000246	0.00213	0.156877
221532_PM_s_at	WDR61	-0.2090146	9.82728772	-3.715478	0.000246	0.00214	0.155015
236809_PM_at	---	0.1992552	3.89121968	3.7151619	0.000247	0.00214	0.1539231
225534_PM_at	C8orf40	-0.26981556	10.3547303	-3.715139	0.000247	0.00214	0.1538433
209144_PM_s_at	CBFA2T2	-0.24562796	5.18440442	-3.714921	0.000247	0.00214	0.1530923
206303_PM_s_at	NUDT4	-0.52169841	7.42835621	-3.71326	0.000248	0.00215	0.1473584
218629_PM_at	SMO	-0.2876897	5.34578012	-3.713021	0.000249	0.00216	0.1465338
201344_PM_at	UBE2D2	0.26889097	5.72714967	3.7129416	0.000249	0.00216	0.1462601
200601_PM_at	ACTN4	0.36204093	8.51766558	3.7125805	0.000249	0.00216	0.1450141
222140_PM_s_at	GPR89A /// GPR89B /// GPR89C	-0.34230296	9.81314409	-3.712416	0.000249	0.00216	0.1444453
223515_PM_s_at	COQ3	-0.32310052	7.69812914	-3.71238	0.000249	0.00216	0.144321
226382_PM_at	CAMK1D /// LOC283070	0.58449314	5.64175939	3.7123149	0.000249	0.00216	0.1440979
216163_PM_at	---	-0.19358976	4.06354404	-3.712241	0.000249	0.00216	0.1438434
212303_PM_x_at	KHSRP	0.30593981	7.92188394	3.7120575	0.000249	0.00216	0.1432097
1487_PM_at	ESRRA	-0.33725774	8.01796116	-3.711412	0.00025	0.00216	0.1409817
231747_PM_at	CYSLTR1	0.53982284	5.09472964	3.7113258	0.00025	0.00216	0.1406859
201642_PM_at	IFNGR2	0.22299816	9.28860037	3.7112099	0.00025	0.00216	0.1402862
209484_PM_s_at	NSL1	0.16546849	9.24903467	3.710764	0.000251	0.00217	0.1387484
206222_PM_at	TNFRSF10C	-0.15949269	3.70016274	-3.71058	0.000251	0.00217	0.1381144
221872_PM_at	RARRES1	0.91197733	7.61034759	3.7104512	0.000251	0.00217	0.1376699
222293_PM_at	CADM4	-0.41713698	5.98013691	-3.710201	0.000251	0.00217	0.1368055
219066_PM_x_at	LARP1	0.24688082	7.65018477	3.7100411	0.000251	0.00217	0.1362556
219045_PM_at	RHOF	0.39394981	6.12992774	3.7099863	0.000251	0.00217	0.1360666
242753_PM_x_at	APIAR	-0.35449391	3.82567347	-3.709981	0.000251	0.00217	0.1360489
214051_PM_at	TMSB15B	0.38585017	5.08412539	3.7097688	0.000252	0.00217	0.135317
1552439_PM_s_at	MEGF11	0.57950694	3.86236448	3.7096965	0.000252	0.00217	0.1350677

228110_PM_x_at	---	-0.37943509	5.17160438	-3.709668	0.000252	0.00217	0.1349688
202780_PM_at	OXCT1	-0.41252462	9.31223383	-3.709364	0.000252	0.00217	0.1339197
202007_PM_at	NID1	0.390751	8.53289879	3.7093086	0.000252	0.00217	0.1337305
221689_PM_s_at	PIGP	-0.22395248	9.71349188	-3.709292	0.000252	0.00217	0.1336745
236931_PM_at	---	0.51002753	5.25075872	3.70928	0.000252	0.00217	0.1336319
55093_PM_at	CHPF2	0.2769406	6.5480238	3.7086087	0.000253	0.00218	0.1313176
208666_PM_s_at	ST13	-0.25434637	9.21286301	-3.708299	0.000253	0.00218	0.1302517
201763_PM_s_at	DAXX	0.24634973	6.2614443	3.7081754	0.000253	0.00218	0.1298243
202889_PM_x_at	MAP7	-0.75370628	6.8420319	-3.708147	0.000253	0.00218	0.1297248
209713_PM_s_at	SLC35D1	-0.23885437	4.79493355	-3.707804	0.000253	0.00218	0.128545
212045_PM_at	GLG1	0.27682438	7.46965189	3.7075575	0.000254	0.00218	0.127695
219183_PM_s_at	CYTH4	0.35568836	4.49981505	3.707405	0.000254	0.00219	0.1271694
222925_PM_at	DCDC2	0.58045939	8.85467891	3.7072847	0.000254	0.00219	0.126755
223334_PM_at	TMEM126A	-0.18339915	9.66911108	-3.707001	0.000254	0.00219	0.1257772
209079_PM_x_at	PCDHGA1 /// PCDHGA10 /// PCDHGA11 /// PCDHGA12 /// PCD	0.36827262	7.59458352	3.7066029	0.000255	0.00219	0.1244058
200968_PM_s_at	PPIB	0.18688743	11.3750671	3.7064574	0.000255	0.00219	0.1239045
227604_PM_at	LOC151146	0.22195996	5.09564018	3.7063865	0.000255	0.00219	0.1236605
222926_PM_at	DCDC2	0.31493916	3.43982216	3.7062717	0.000255	0.00219	0.123265
1556937_PM_at	---	-0.34727536	4.88241444	-3.706195	0.000255	0.00219	0.1229995
214686_PM_at	ZNF266	0.35277903	7.67584426	3.7061515	0.000255	0.00219	0.1228508
235863_PM_at	JSRP1	-0.32584582	4.48564443	-3.705827	0.000255	0.00219	0.1217335
205874_PM_at	ITPKA	-0.15977694	3.84291929	-3.705567	0.000256	0.00219	0.1208391
230174_PM_at	LYPLAL1	-0.30202451	10.3998366	-3.705519	0.000256	0.00219	0.1206724
203707_PM_at	ZNF263	0.18006571	7.9494381	3.705492	0.000256	0.00219	0.1205791
227250_PM_at	KREMEN1	-0.32921962	7.04864417	-3.70534	0.000256	0.0022	0.1200573
212278_PM_x_at	UBE3A	-0.2257845	3.72411324	-3.705161	0.000256	0.0022	0.1194408
212415_PM_at	---	0.50688567	6.8003437	3.7050777	0.000256	0.0022	0.1191524
243496_PM_at	RAB18	0.47983071	6.29535995	3.7048548	0.000256	0.0022	0.118385
232953_PM_at	C20orf69 /// LOC100287060 /// LOC100287654 /// LOC100288	0.18293458	3.5058666	3.7039835	0.000257	0.0022	0.1153847
211833_PM_s_at	BAX	0.7299484	5.5105145	3.7038958	0.000257	0.0022	0.1150826
218946_PM_at	NFU1	-0.16057392	9.66167724	-3.70286	0.000258	0.00221	0.1115188
205320_PM_at	APC2	-0.16831351	3.91223497	-3.702501	0.000259	0.00222	0.1102832
223287_PM_s_at	FOX P1	0.38580942	8.20222137	3.7016997	0.000259	0.00222	0.1075239
230297_PM_x_at	SYNGAP1	-0.21908277	4.22432706	-3.701392	0.00026	0.00222	0.1064662
231166_PM_at	GPR155	-0.48252963	8.72912806	-3.7012	0.00026	0.00222	0.1058034
213994_PM_s_at	SPON1	0.69704167	7.41476837	3.7011811	0.00026	0.00222	0.1057395
241783_PM_at	---	-0.19851354	4.31205163	-3.701107	0.00026	0.00222	0.1054836
224925_PM_at	PREX1	0.40223642	5.97279854	3.7007034	0.00026	0.00223	0.1040961
213133_PM_s_at	GCSH /// LOC100329108	-0.37480072	10.1037754	-3.700351	0.000261	0.00223	0.1028828
229221_PM_at	CD44	0.17694184	3.52342557	3.700327	0.000261	0.00223	0.1028014
202689_PM_at	RBM15B	0.2085725	8.10513528	3.6999842	0.000261	0.00223	0.1016222
215450_PM_at	---	0.36486259	7.89618682	3.699907	0.000261	0.00223	0.1013567
229142_PM_s_at	BBS1	-0.20644468	4.01961661	-3.699884	0.000261	0.00223	0.1012779
230488_PM_s_at	NCRNA00118	-0.48815096	5.46160718	-3.6997	0.000261	0.00223	0.1006446
230961_PM_at	---	0.52046396	5.62395024	3.6993774	0.000262	0.00223	0.0995352
206650_PM_at	IQCC	-0.3074432	4.90408262	-3.698918	0.000262	0.00224	0.097975
242819_PM_at	---	0.28868335	4.4096044	3.6987749	0.000262	0.00224	0.0974635
200704_PM_at	LITAF	0.2838369	9.99050428	3.6987372	0.000262	0.00224	0.0973339
219108_PM_x_at	DDX27 /// SS18	0.21431163	8.1658696	3.6986007	0.000262	0.00224	0.0968646
207051_PM_at	SLC17A4	0.24298274	3.82207007	3.6982142	0.000263	0.00224	0.0955355
233157_PM_x_at	CCDC114	-0.20347203	3.9039448	-3.698098	0.000263	0.00224	0.0951346
237847_PM_at	NTN1	-0.19722843	3.89907243	-3.697815	0.000263	0.00224	0.0941644
213646_PM_x_at	TUBA1B	0.18997	12.034988	3.6976935	0.000263	0.00224	0.0937457
210049_PM_at	SERPINC1	-0.54895798	4.46314375	-3.697538	0.000263	0.00225	0.0932123
242327_PM_x_at	---	-0.31577838	4.88788892	-3.697371	0.000264	0.00225	0.0926379
1558426_PM_x_at	ORAI2	0.37555983	7.569432	3.6969676	0.000264	0.00225	0.0912505
210982_PM_s_at	HLA-DRA	0.59100818	11.1954289	3.6965588	0.000264	0.00225	0.0898455
237765_PM_at	C14orf68	-0.26596656	4.1396169	-3.696288	0.000265	0.00225	0.0889161
201827_PM_at	SMARCD2	0.4426987	6.02793098	3.696192	0.000265	0.00225	0.0885849
209613_PM_s_at	ADH1B	0.52743109	9.90534187	3.6960349	0.000265	0.00226	0.088045
213475_PM_s_at	ITGAL	0.49250964	5.17757083	3.6958142	0.000265	0.00226	0.0872866
209901_PM_x_at	AIF1	0.50398405	9.13151731	3.695374	0.000266	0.00226	0.0857742
223809_PM_at	RGS18	0.58356456	4.31434153	3.6953621	0.000266	0.00226	0.0857335
228814_PM_at	RBBP6	-0.20054036	3.90669446	-3.695275	0.000266	0.00226	0.0854356
203802_PM_x_at	NSUNS	0.26042226	8.15681298	3.6951578	0.000266	0.00226	0.0850313

204780_PM_s_at	FAS	0.48496044	7.69879376	3.6948825	0.000266	0.00226	0.0840857
233396_PM_s_at	CSRP2BP	-0.18109988	4.20321334	-3.69479	0.000266	0.00226	0.0837669
235734_PM_at	PAC5IN3	-0.21213501	3.88412677	-3.694238	0.000267	0.00227	0.0818704
244580_PM_at	---	-0.26117395	4.9570546	-3.693955	0.000267	0.00227	0.0808995
228831_PM_s_at	GNG7	-0.39814833	6.65142806	-3.69324	0.000268	0.00227	0.0784443
230341_PM_x_at	ADAMTS10	-0.37478722	5.90079419	-3.692436	0.000269	0.00228	0.0756847
222804_PM_x_at	DCAF10	-0.30529986	6.71588871	-3.692379	0.000269	0.00228	0.0754877
203173_PM_s_at	C16orf62	0.18870283	8.69175295	3.6920126	0.000269	0.00228	0.0742303
224796_PM_at	ASAP1	0.33582474	8.3124398	3.6918624	0.000269	0.00228	0.0737146
1557197_PM_a_at	LGALS3	0.19095717	3.41334005	3.6918418	0.000269	0.00228	0.0736439
AFFX-ThrX-5_at	---	0.96558795	5.36269778	3.6916402	0.000269	0.00228	0.0729521
217658_PM_at	THAP3	-0.20776063	4.12392952	-3.691375	0.00027	0.00229	0.0720406
216950_PM_s_at	FCGR1A /// FCGR1C	0.88741237	5.63234071	3.6912876	0.00027	0.00229	0.0717418
1565705_PM_x_at	---	0.22421116	3.90248833	3.6911336	0.00027	0.00229	0.0712131
236736_PM_at	---	-0.29733313	4.24128825	-3.691117	0.00027	0.00229	0.0711548
207355_PM_at	SLC1A7	-0.17535443	3.77541587	-3.690844	0.00027	0.00229	0.0702176
220694_PM_at	ASAP1IT1	0.36939612	4.08422579	3.6907462	0.00027	0.00229	0.0698836
230121_PM_at	C1orf133	0.5166021	6.68608653	3.6905012	0.00027	0.00229	0.069043
225883_PM_at	ATG16L2	0.3176221	4.67063938	3.6903523	0.000271	0.00229	0.0685318
236370_PM_at	---	0.48132059	5.59463019	3.6901906	0.000271	0.00229	0.0679769
224837_PM_at	FOXP1	0.28836463	9.59820527	3.6901439	0.000271	0.00229	0.0678167
203964_PM_at	NMI	0.33974556	8.70549467	3.6897177	0.000271	0.00229	0.0663545
218664_PM_at	MECR	-0.32215035	6.49544162	-3.689641	0.000271	0.0023	0.0660927
216338_PM_s_at	YIPF3	0.27378595	7.85615403	3.6895298	0.000271	0.0023	0.0657098
228804_PM_at	DGCR5	-0.19123355	3.90214766	-3.689462	0.000272	0.0023	0.0654773
AFFX-BioB-M_at	---	0.44050375	8.91731247	3.6893753	0.000272	0.0023	0.0651797
206473_PM_at	MBTPS2	-0.17241414	4.04535024	-3.689118	0.000272	0.0023	0.0642974
222785_PM_x_at	C11orf1	-0.34281608	9.45471441	-3.688946	0.000272	0.0023	0.0637077
239193_PM_at	FUBP3	0.2766641	4.1060963	3.6888201	0.000272	0.0023	0.0632751
227471_PM_at	HACE1	-0.37594498	7.24191941	-3.688549	0.000272	0.0023	0.0623452
205579_PM_at	HRH1	0.43386217	4.32654391	3.6880688	0.000273	0.0023	0.0606984
209893_PM_s_at	FUT4	0.3414522	4.95776041	3.6880449	0.000273	0.0023	0.0606164
232063_PM_x_at	FARS5B /// TRIM61	0.33830866	4.42223131	3.6879353	0.000273	0.0023	0.0602405
212420_PM_at	ELF1	0.46438501	8.12787948	3.6879026	0.000273	0.0023	0.0601285
230782_PM_at	SORD	-0.68418435	5.9048476	-3.687519	0.000273	0.00231	0.058812
1553947_PM_at	EXOSC6	-0.46264409	5.2435724	-3.687389	0.000274	0.00231	0.0583664
201530_PM_x_at	EIF4A1	0.2183071	11.1999209	3.6872911	0.000274	0.00231	0.0580315
223220_PM_s_at	PARP9	0.43510092	8.29053251	3.6871399	0.000274	0.00231	0.0575131
242939_PM_at	TFDP1	-0.4084177	5.34119967	-3.686933	0.000274	0.00231	0.0568038
1555935_PM_s_at	HUNK	0.51578804	5.65215225	3.6868949	0.000274	0.00231	0.0566729
218749_PM_s_at	SLC24A6	0.29384671	6.05690802	3.6868254	0.000274	0.00231	0.0564347
233405_PM_at	---	0.26413294	4.09435839	3.6858302	0.000275	0.00232	0.0530232
204746_PM_s_at	PICK1	-0.25212413	5.27409189	-3.685789	0.000275	0.00232	0.0528829
215884_PM_s_at	UBQLN2	0.16898337	9.08944933	3.6856621	0.000275	0.00232	0.0524469
207467_PM_x_at	CAST	0.21666426	9.27597684	3.6850774	0.000276	0.00232	0.0504429
215706_PM_x_at	ZYX	0.3419534	5.51978572	3.6850633	0.000276	0.00232	0.0503947
231579_PM_s_at	TIMP2	0.36796288	10.1386211	3.6850189	0.000276	0.00232	0.0502424
236031_PM_x_at	FREM1	-0.4908348	4.30010731	-3.684678	0.000276	0.00232	0.049073
1570454_PM_at	EIF4EBP2	-0.29132595	3.77352741	-3.684507	0.000277	0.00233	0.0484888
203674_PM_at	HELZ	0.23771439	8.02330524	3.6842931	0.000277	0.00233	0.0477554
228136_PM_s_at	C17orf70	-0.1981918	3.89358986	-3.684271	0.000277	0.00233	0.0476802
210840_PM_s_at	IQGAP1	0.34663471	9.50221072	3.6838853	0.000277	0.00233	0.0463582
228485_PM_s_at	SLC44A1	-0.32269801	6.41197827	-3.683698	0.000277	0.00233	0.0457178
201322_PM_at	ATP5B	-0.23233045	11.6310816	-3.683485	0.000278	0.00233	0.0449855
203589_PM_s_at	TFDP2	-0.3181031	7.03787909	-3.683409	0.000278	0.00233	0.044726
213316_PM_at	KIAA1462	0.424144	6.96061099	3.6833063	0.000278	0.00233	0.0443747
1554500_PM_a_at	RGS7	-0.27464156	3.67078231	-3.68301	0.000278	0.00233	0.0433584
233873_PM_x_at	MTPAP	0.27285751	8.42595348	3.6827654	0.000278	0.00234	0.0425218
235577_PM_at	ZNF652	0.40190299	4.71231486	3.6824755	0.000279	0.00234	0.0415289
208651_PM_x_at	CD24	0.43572194	11.3188689	3.6824111	0.000279	0.00234	0.0413084
240324_PM_at	---	0.23624058	4.46635619	3.6822653	0.000279	0.00234	0.0408091
227001_PM_at	NIPAL2	0.29765596	7.29740341	3.682034	0.000279	0.00234	0.040017
226837_PM_at	SPRED1	0.39591321	6.94802401	3.6818067	0.000279	0.00234	0.0392385
236282_PM_at	---	-0.26332335	5.22770486	-3.681389	0.00028	0.00235	0.0378075
227726_PM_at	RNF166	0.28200797	4.14595981	3.6807774	0.00028	0.00235	0.0357146

212981_PM_s_at	FAM115A	0.39292994	7.34555247	3.6807436	0.000281	0.00235	0.0355987
206770_PM_s_at	SLC35A3	-0.26736105	7.95023363	-3.680642	0.000281	0.00235	0.0352499
211917_PM_s_at	PRLR	-0.44146565	4.21996684	-3.680362	0.000281	0.00235	0.0342939
203554_PM_x_at	PTTG1	0.61869216	6.1249197	3.680342	0.000281	0.00235	0.0342239
230345_PM_at	SEMA7A	-0.29201924	4.87647874	-3.679975	0.000281	0.00235	0.0329669
228168_PM_at	ATP5G3	-0.3472868	8.47357568	-3.679753	0.000282	0.00236	0.0322096
220266_PM_s_at	KLf4	0.34721468	4.07748341	3.6797095	0.000282	0.00236	0.032059
210117_PM_at	SPAG1	0.36925807	5.07582469	3.67922	0.000282	0.00236	0.0303837
1558890_PM_at	---	0.17066708	3.62721501	3.6791513	0.000282	0.00236	0.0301488
1553729_PM_s_at	LRRC43	-0.79230707	5.96252014	-3.678893	0.000282	0.00236	0.0296062
233637_PM_at	DCAF8	-0.22768491	3.84931302	3.6788231	0.000283	0.00236	0.0290255
207268_PM_x_at	ABI2	-0.23152185	6.17011157	-3.678579	0.000283	0.00236	0.0281907
221968_PM_s_at	ZNF771	-0.43114222	5.50888371	-3.678435	0.000283	0.00236	0.0276973
223274_PM_at	TCF19	0.29267943	4.47999476	3.6784143	0.000283	0.00236	0.027627
201619_PM_at	PRDX3	-0.22259085	11.6049677	-3.678207	0.000283	0.00236	0.0269177
223317_PM_at	ALKBH7	-0.18851807	3.6300012	-3.678122	0.000283	0.00236	0.0266277
206914_PM_at	CRTAM	0.62087314	4.27221823	3.6775831	0.000284	0.00237	0.0247833
234295_PM_at	DBR1	0.26352486	6.94003888	3.6769319	0.000285	0.00237	0.0225557
224409_PM_s_at	TSSK6	-0.19105767	3.87424473	-3.676697	0.000285	0.00238	0.0217512
233941_PM_at	C14orf166B	-0.22817445	4.16177834	-3.676391	0.000285	0.00238	0.0207073
217946_PM_s_at	SAE1	0.20756552	8.51099229	3.6758494	0.000286	0.00238	0.0188541
239392_PM_s_at	POGK	0.4652933	6.57406449	3.6753475	0.000286	0.00239	0.0171381
1559705_PM_s_at	PHKA2	-0.21466828	4.11321614	-3.675347	0.000286	0.00239	0.0171366
211951_PM_at	NOLC1	0.1539821	9.26135204	3.675165	0.000286	0.00239	0.016514
221943_PM_x_at	RPL38	0.45348939	9.25172871	3.6750879	0.000286	0.00239	0.0162503
226268_PM_at	RAB21	-0.38717795	6.40649783	-3.674851	0.000287	0.00239	0.0154405
229096_PM_at	LIMS3 /// LIMS3-LOC440895 /// LOC440895	-0.35807194	4.20494133	-3.674126	0.000288	0.00239	0.0129621
229758_PM_at	TIGD5	-0.337452	6.76446628	-3.673672	0.000288	0.0024	0.0114101
227010_PM_at	---	-0.28402455	4.94071378	-3.673662	0.000288	0.0024	0.0113776
1570409_PM_x_at	---	-0.19784736	3.87383803	-3.673316	0.000288	0.0024	0.0101951
226000_PM_at	CTTNBP2NL	0.24315847	8.38171409	3.6730366	0.000289	0.0024	0.0092395
223211_PM_at	HACL1	-0.28356124	8.75925762	-3.672828	0.000289	0.0024	0.0085276
214626_PM_s_at	GANAB	0.38066344	8.45712853	3.6727868	0.000289	0.0024	0.0083859
220892_PM_s_at	PSAT1	-1.16397356	7.00227133	-3.67221	0.00029	0.00241	0.0064139
224480_PM_s_at	AGPAT9	-0.64879208	9.94117336	-3.672178	0.00029	0.00241	0.0063046
225737_PM_s_at	FBXO22	-0.42807092	6.31617746	-3.671945	0.00029	0.00241	0.0055095
223143_PM_s_at	AKIRIN2	-0.2033024	3.66307043	-3.671473	0.00029	0.00241	0.0038961
1552584_PM_at	IL12RB1	0.57935915	4.47620793	3.671314	0.000291	0.00241	0.0033546
242560_PM_at	FANCD2	0.3784591	4.23816239	3.6712823	0.000291	0.00241	0.0032465
244434_PM_at	GPR82	0.3472888	3.76961062	3.6712402	0.000291	0.00241	0.0031027
219081_PM_at	ANKHD1	-0.37873479	6.0411796	-3.671234	0.000291	0.00241	0.0030804
228583_PM_at	LINS2	-0.37058265	8.25023863	-3.671082	0.000291	0.00241	0.0025614
216179_PM_x_at	---	-0.46644729	6.30763141	-3.670963	0.000291	0.00241	0.0021572
1552398_PM_a_at	CLEC12A /// CLEC12B	0.52278758	4.45439817	3.6708503	0.000291	0.00241	0.0017711
1568801_PM_at	C15orf44	0.19498862	3.55993332	3.6706401	0.000291	0.00241	0.0010533
222707_PM_s_at	ACTR8	-0.25358304	6.69050708	-3.670624	0.000291	0.00241	0.0009987
222489_PM_s_at	WRNIP1	-0.16716126	8.83681936	-3.670618	0.000291	0.00241	0.0009766
235728_PM_at	ZFP3	0.22945429	7.58097703	3.6706049	0.000291	0.00241	0.000933
215111_PM_s_at	TSC22D1	0.20126653	11.2037026	3.670522	0.000291	0.00241	0.00065
226388_PM_at	TCEA3	-0.32172775	10.0729938	-3.670431	0.000292	0.00241	0.0003399
216061_PM_x_at	PDGFB	0.33603866	6.57875301	3.6700569	0.000292	0.00242	-0.000938
1569387_PM_at	CSGALNACT1	0.22113969	3.80146751	3.670031	0.000292	0.00242	-0.001027
228273_PM_at	---	0.61981512	4.77583103	3.6699183	0.000292	0.00242	-0.001411
1555097_PM_a_at	PTGFR	-0.25792965	3.6737256	-3.669552	0.000292	0.00242	-0.002663
242266_PM_x_at	---	0.25977435	6.21181293	3.6693815	0.000293	0.00242	-0.003244
211982_PM_x_at	XPO6	0.20314634	8.93174478	3.6687864	0.000293	0.00243	-0.005276
217680_PM_x_at	RPL10	0.32234474	6.67878362	3.6672553	0.000295	0.00244	-0.010501
233979_PM_s_at	ESPN	-0.23475229	4.01666514	-3.667114	0.000295	0.00244	-0.010984
203278_PM_s_at	PHF21A	0.29820221	7.39399185	3.6668683	0.000295	0.00244	-0.011821
213577_PM_at	SQLE	0.41138429	6.4463023	3.6664626	0.000296	0.00245	-0.013205
229647_PM_at	NDUFS1	-0.26589709	9.46075683	-3.665795	0.000297	0.00245	-0.015483
217714_PM_x_at	STMN1	0.38707275	8.04055558	3.6653631	0.000297	0.00245	-0.016955
202426_PM_s_at	RXRA	-0.24207752	4.28494638	-3.665089	0.000297	0.00246	-0.017891
211144_PM_x_at	TARP /// TRGC2	0.64393114	5.55641132	3.6648523	0.000298	0.00246	-0.018698
214055_PM_x_at	BAT2L2	0.36218675	9.48808693	3.6645802	0.000298	0.00246	-0.019625

216472_PM_at	---	0.22767429	3.59271974	3.6645083	0.000298	0.00246	-0.01987
1553843_PM_at	C10orf67	-0.2047023	4.38310546	-3.664344	0.000298	0.00246	-0.020432
229138_PM_at	PARP11	0.28032806	5.94338123	3.6641712	0.000298	0.00246	-0.02102
224617_PM_at	ROD1	0.2411175	10.0898234	3.6639545	0.000299	0.00246	-0.021759
231109_PM_at	---	0.50806769	4.15523005	3.6638835	0.000299	0.00246	-0.022001
213347_PM_x_at	RPS4X	0.12628195	12.5667402	3.6628174	0.0003	0.00247	-0.025635
217357_PM_at	---	-0.16406898	3.5705839	-3.662707	0.0003	0.00247	-0.026011
230995_PM_at	CMBL	-0.54619949	5.84662451	-3.662526	0.0003	0.00247	-0.026629
212401_PM_s_at	CDK11A	0.25492554	8.31947624	3.6622594	0.000301	0.00248	-0.027537
218323_PM_at	RHOT1	-0.13480198	8.95635987	-3.662165	0.000301	0.00248	-0.027858
230556_PM_at	IMMP1L	-0.30000514	5.0625348	-3.662003	0.000301	0.00248	-0.028411
215791_PM_at	---	0.20497665	3.55090859	3.6620013	0.000301	0.00248	-0.028416
212568_PM_s_at	DLAT	-0.37268455	7.82294411	-3.661857	0.000301	0.00248	-0.02891
231093_PM_at	FCRL3	0.6553689	4.08706636	3.6615309	0.000301	0.00248	-0.030019
243481_PM_at	RHOJ	0.48880363	4.43261881	3.6614926	0.000301	0.00248	-0.03015
236155_PM_at	ZCCHC6	0.29554193	7.31592536	3.6611008	0.000302	0.00248	-0.031485
225312_PM_at	COMMD6	0.13231697	11.3227407	3.66108	0.000302	0.00248	-0.031555
213263_PM_s_at	PCBP2	-0.39577061	9.19508854	-3.660604	0.000302	0.00249	-0.033178
203744_PM_at	HMGCB3	0.34673728	7.12880916	3.6602704	0.000303	0.00249	-0.034313
205028_PM_at	TRO	-0.16800664	3.73656407	-3.660225	0.000303	0.00249	-0.034469
229630_PM_s_at	WTAP	0.25156942	9.25893351	3.6600357	0.000303	0.00249	-0.035113
218160_PM_at	NDUFA8	-0.17467807	10.406154	-3.659869	0.000303	0.00249	-0.035682
241507_PM_x_at	---	-0.24441929	3.44137517	-3.659786	0.000303	0.00249	-0.035964
240349_PM_at	PRKAA2	-0.38839215	5.44524877	-3.659617	0.000303	0.00249	-0.03654
41037_PM_at	TEAD4	0.47834934	4.25962375	3.6594427	0.000304	0.00249	-0.037132
203594_PM_at	RTCD1	-0.32650353	9.36878266	-3.659252	0.000304	0.00249	-0.03778
226028_PM_at	ROBO4	0.39120376	8.1413312	3.6587706	0.000304	0.0025	-0.039421
213711_PM_at	KRT81	-0.28389522	5.87456513	-3.658688	0.000305	0.0025	-0.039702
227662_PM_at	SYNPO2	0.68592254	7.33643192	3.6583174	0.000305	0.0025	-0.040964
223194_PM_s_at	SLC22A23	-0.46868541	7.32598323	-3.658265	0.000305	0.0025	-0.041143
208640_PM_at	RAC1	0.1249103	11.4915529	3.6579766	0.000305	0.0025	-0.042124
214335_PM_at	RPL18	-0.44417126	5.31400392	-3.657827	0.000306	0.0025	-0.042633
215045_PM_at	CELF3	-0.44572306	5.45326059	-3.657536	0.000306	0.00251	-0.043623
1556471_PM_at	SCML4	0.29003672	3.93186569	3.6574692	0.000306	0.00251	-0.043851
231126_PM_at	C2orf70	0.1730415	4.00052378	3.6573662	0.000306	0.00251	-0.044202
214671_PM_s_at	ABR	-0.31299931	4.79637756	-3.65728	0.000306	0.00251	-0.044494
237646_PM_x_at	PLEKHG5 /// TNFRSF25	-0.15501516	3.71076332	-3.656446	0.000307	0.00251	-0.047334
212135_PM_s_at	ATP2B4	0.38420612	7.63412172	3.6564314	0.000307	0.00251	-0.047384
220365_PM_at	ALLC	-0.42958107	4.28040361	-3.656236	0.000307	0.00252	-0.048048
233573_PM_s_at	WDR6	-0.2543649	3.82160578	-3.656158	0.000307	0.00252	-0.048313
221628_PM_s_at	GLYR1	-0.1886585	3.92918553	-3.656099	0.000307	0.00252	-0.048515
211063_PM_s_at	NCK1	0.23687611	8.79742358	3.6555444	0.000308	0.00252	-0.050402
228677_PM_s_at	RASAL3	0.43781057	4.91796819	3.6548478	0.000309	0.00253	-0.052771
202329_PM_at	CSK	0.41557589	7.24987173	3.6547708	0.000309	0.00253	-0.053033
233155_PM_at	UPP2	-1.10924883	6.34848168	-3.654738	0.000309	0.00253	-0.053144
238754_PM_at	---	-0.32634295	4.8975105	-3.654391	0.000309	0.00253	-0.054326
219947_PM_at	CLEC4A	0.53409605	5.44462834	3.6543616	0.000309	0.00253	-0.054425
217341_PM_at	LOC100289042	-0.37088675	5.14511782	-3.654173	0.00031	0.00253	-0.055065
213289_PM_at	APOOL	-0.51116767	7.75113165	-3.654168	0.00031	0.00253	-0.055085
230905_PM_at	---	0.2046183	3.89546244	3.6540162	0.00031	0.00253	-0.0556
229189_PM_s_at	---	-0.5026304	6.36163289	-3.653845	0.00031	0.00253	-0.056182
227989_PM_at	LTBP4	-0.2552802	4.02522366	-3.653786	0.00031	0.00253	-0.056381
239247_PM_at	NCRNA00103	0.36175728	4.23569536	3.6536462	0.00031	0.00253	-0.056858
1556163_PM_a_at	IGSF3	-0.21756605	4.42809755	-3.653582	0.00031	0.00253	-0.057076
228117_PM_at	LOC100132273 /// LOC100287153	-0.18365642	4.18406644	-3.653419	0.000311	0.00253	-0.057632
209574_PM_s_at	C18orf1	0.35338389	4.13240277	3.6531984	0.000311	0.00253	-0.058381
205201_PM_at	GLI3	-0.33723401	6.42367473	-3.653179	0.000311	0.00253	-0.058448
213136_PM_at	PTPN2	0.27681606	8.70630151	3.6529133	0.000311	0.00254	-0.05935
220081_PM_x_at	HSD17B7	0.26570574	8.61552549	3.652837	0.000311	0.00254	-0.05961
220153_PM_at	ENTPD7	0.22381001	4.07587901	3.6524592	0.000312	0.00254	-0.060894
225366_PM_at	PGM2	0.33705192	6.13131682	3.6519133	0.000312	0.00254	-0.06275
218004_PM_at	BSDC1	0.31263189	7.9938853	3.6517678	0.000312	0.00254	-0.063245
224516_PM_s_at	CXXCS	0.24055991	9.89514898	3.6511391	0.000313	0.00255	-0.065381
218131_PM_s_at	GATAD2A	0.32122797	7.70292795	3.6508808	0.000313	0.00255	-0.066259
201316_PM_at	PSMA2	-0.19259904	8.68695996	-3.650775	0.000314	0.00255	-0.066617

202872_PM_at	ATP6V1C1	-0.28176003	8.17859724	-3.650542	0.000314	0.00255	-0.06741
217320_PM_at	---	0.21796299	3.32615221	3.6501904	0.000314	0.00256	-0.068605
1553048_PM_a_at	PIP4K2B	-0.22887833	4.52473039	-3.650118	0.000314	0.00256	-0.068851
218812_PM_s_at	ORAI2	0.3180727	5.94422226	3.6493752	0.000315	0.00256	-0.071375
215723_PM_s_at	PLD1	-0.57212909	4.63261021	-3.649158	0.000315	0.00256	-0.072111
227160_PM_s_at	C20orf7	-0.2671549	7.86434951	-3.648863	0.000316	0.00257	-0.073115
231784_PM_s_at	DCAF13	-0.1926961	8.52390056	-3.648613	0.000316	0.00257	-0.073963
203032_PM_s_at	FH	-1.18420072	7.24138104	-3.648437	0.000316	0.00257	-0.074561
228989_PM_at	C18orf56	-0.55673678	5.42124275	-3.647548	0.000317	0.00258	-0.077579
230381_PM_at	C1orf186	0.63941448	7.93184316	3.6473602	0.000318	0.00258	-0.078218
231677_PM_at	---	-1.20524865	7.54865423	-3.646996	0.000318	0.00258	-0.079456
218693_PM_at	TSPAN15	0.3848643	5.13656653	3.6462374	0.000319	0.00259	-0.08203
231815_PM_at	PHF12	0.28182224	5.0788762	3.6462225	0.000319	0.00259	-0.08208
237097_PM_at	---	0.29437578	5.20524636	3.645985	0.000319	0.00259	-0.082887
213399_PM_x_at	RPN2	0.12416083	11.2232191	3.6458049	0.000319	0.00259	-0.083498
219593_PM_at	SLC15A3	0.41828963	5.22042727	3.6449056	0.000321	0.0026	-0.08655
218894_PM_s_at	MAGOHB	0.36007998	6.41521782	3.6448582	0.000321	0.0026	-0.086711
225482_PM_at	KIF1A	-0.16660922	4.24654678	-3.644737	0.000321	0.0026	-0.087123
214246_PM_x_at	MINK1	0.44008703	7.96992371	3.6443418	0.000321	0.0026	-0.088463
231884_PM_at	CNTROB	-0.36368277	5.44569998	-3.644197	0.000321	0.0026	-0.088955
234669_PM_x_at	C11orf30	-0.39719374	5.35903837	-3.643489	0.000322	0.00261	-0.091356
241782_PM_at	NEBL	-0.46418698	4.82055424	-3.643461	0.000322	0.00261	-0.091452
202912_PM_at	ADM	-0.47047254	9.1217625	-3.642617	0.000323	0.00262	-0.094314
223636_PM_at	ZMYND12	-0.53672546	6.72874391	-3.642448	0.000323	0.00262	-0.094886
1553581_PM_s_at	SFRS12IP1	0.17926701	9.14202991	3.6422764	0.000324	0.00262	-0.095468
241477_PM_at	NEIL1	-0.2468629	4.15516929	-3.642047	0.000324	0.00262	-0.096246
213248_PM_at	LOC730101	-0.39423707	5.24280083	-3.641937	0.000324	0.00262	-0.096618
200802_PM_at	SARS	0.13475614	9.73357506	3.6418427	0.000324	0.00262	-0.096939
207249_PM_s_at	SLC28A2	-0.6335152	4.6479824	-3.64153	0.000325	0.00262	-0.098
200002_PM_at	RPL35	0.10853067	12.0107911	3.6410144	0.000325	0.00263	-0.099747
218408_PM_at	TIMM10	-0.30230441	8.61808602	-3.640227	0.000326	0.00264	-0.102416
1559057_PM_at	---	0.19011095	3.69743608	3.6396807	0.000327	0.00264	-0.104268
213261_PM_at	TRANK1	0.37576149	5.04079923	3.6394274	0.000327	0.00264	-0.105126
202262_PM_x_at	DDAH2	0.46307642	7.77034823	3.6378431	0.000329	0.00266	-0.110494
240508_PM_at	---	-0.179086	4.13234518	-3.637839	0.000329	0.00266	-0.110507
240322_PM_at	---	-0.32303779	4.24102348	-3.637773	0.000329	0.00266	-0.110733
42361_PM_g_at	CCHCR1	0.22286368	4.46768717	3.6377676	0.000329	0.00266	-0.110749
209204_PM_at	LMO4	0.44247328	7.30089028	3.6375547	0.000329	0.00266	-0.111471
205211_PM_s_at	RIN1	-0.34657564	4.81065616	-3.637485	0.000329	0.00266	-0.111705
231918_PM_s_at	GFM2	-0.56365269	4.63463661	-3.637252	0.00033	0.00266	-0.112497
1558174_PM_at	FAM43A	-0.15997466	3.79534729	-3.63712	0.00033	0.00266	-0.112944
219893_PM_at	CCDC71	-0.42802782	6.3710675	-3.637114	0.00033	0.00266	-0.112964
226741_PM_at	SLC12A6	-0.31367978	9.43725911	-3.636218	0.000331	0.00267	-0.115997
222562_PM_s_at	TNKS2	0.44740999	4.23194728	3.6361895	0.000331	0.00267	-0.116094
237117_PM_at	LOC727930	-0.34420181	4.11725271	-3.636045	0.000331	0.00267	-0.116584
237177_PM_at	CNTN4	-0.22927584	3.7854912	-3.635604	0.000332	0.00267	-0.118077
218223_PM_s_at	PLEKHO1	0.60669299	6.07120155	3.6351896	0.000332	0.00268	-0.119479
210164_PM_at	GZMB	0.85464821	4.84499301	3.634835	0.000333	0.00268	-0.120679
213834_PM_at	IQSEC3	-0.27054937	4.41983727	-3.634515	0.000333	0.00268	-0.121764
238616_PM_at	QDPR	-0.16855418	3.66171008	-3.63451	0.000333	0.00268	-0.121781
1553722_PM_s_at	RNF152	-0.4719037	4.68234434	-3.634142	0.000334	0.00268	-0.123024
228073_PM_at	NANP	-0.23195931	7.38757092	-3.6341	0.000334	0.00268	-0.123165
206555_PM_s_at	THUMPDP1	0.22339197	9.54463555	3.6339053	0.000334	0.00269	-0.123826
223631_PM_s_at	C19orf33	0.73017521	7.00198922	3.6336004	0.000334	0.00269	-0.124858
237452_PM_at	---	0.37791245	4.88689515	3.6333415	0.000335	0.00269	-0.125734
236689_PM_at	RNF151	-0.15462758	3.92691375	-3.633024	0.000335	0.00269	-0.126808
213905_PM_x_at	BGN	0.48859958	8.98174884	3.6328528	0.000335	0.00269	-0.127387
211528_PM_x_at	HLA-G	0.41496379	10.434964	3.6323688	0.000336	0.0027	-0.129024
1565889_PM_at	---	0.36527402	4.68105916	3.6323662	0.000336	0.0027	-0.129033
216766_PM_at	---	0.28655634	3.57934868	3.6323059	0.000336	0.0027	-0.129237
203107_PM_x_at	RPS2	0.10978969	12.7018476	3.6321444	0.000336	0.0027	-0.129784
206240_PM_s_at	ZNF136	0.27605067	5.46783582	3.6318621	0.000336	0.0027	-0.130738
212509_PM_s_at	MXRA7	0.30576214	10.6446218	3.6315539	0.000337	0.0027	-0.131781
222107_PM_x_at	LZTS1	-0.16624333	3.68002341	-3.631502	0.000337	0.0027	-0.131957
213132_PM_s_at	MCAT	-0.33107187	8.44974148	-3.631336	0.000337	0.0027	-0.132517

224943_PM_at	BTBD7	0.45551571	6.97944007	3.6310182	0.000337	0.00271	-0.133592
239891_PM_x_at	RAB12	0.31774337	9.2770778	3.6307437	0.000338	0.00271	-0.13452
210987_PM_x_at	TPM1	0.44534399	10.1372652	3.630724	0.000338	0.00271	-0.134587
208523_PM_x_at	HIST1H2BI	-0.21649179	4.81000313	-3.63047	0.000338	0.00271	-0.135446
207495_PM_at	RAB28	-0.25002335	4.28732213	-3.63021	0.000338	0.00271	-0.136324
223161_PM_at	KIAA1147	-0.40092815	6.2338753	-3.630026	0.000339	0.00271	-0.136947
217337_PM_at	---	-0.25699689	4.47708698	-3.630015	0.000339	0.00271	-0.136983
208078_PM_s_at	SIK1	0.45036573	6.10444264	3.6299377	0.000339	0.00271	-0.137246
218957_PM_s_at	PAAF1	-0.23987339	8.73618359	-3.629674	0.000339	0.00272	-0.138138
1557710_PM_at	---	-0.38857212	5.34052863	-3.62947	0.000339	0.00272	-0.138826
201412_PM_at	LRP10	0.19122434	10.4631858	3.6293028	0.00034	0.00272	-0.139392
239112_PM_at	---	-0.40332919	5.72006237	-3.62896	0.00034	0.00272	-0.140549
204015_PM_s_at	DUSP4	0.4494885	4.4153943	3.6289132	0.00034	0.00272	-0.140709
1556468_PM_at	LOC100288099	-0.27814728	5.50639459	-3.628608	0.00034	0.00272	-0.14174
1553912_PM_at	FLJ35424	-0.38062902	4.23169826	-3.6286	0.00034	0.00272	-0.141768
244739_PM_at	RDX	-0.21021353	3.66465525	-3.628528	0.000341	0.00272	-0.14201
222960_PM_at	CACNA1H	-0.30720583	4.43777127	-3.628508	0.000341	0.00272	-0.142078
1562314_PM_at	---	-0.38872064	5.48429812	-3.628472	0.000341	0.00272	-0.142199
226237_PM_at	---	0.81452921	6.58238382	3.6283614	0.000341	0.00272	-0.142573
202446_PM_s_at	PLSCR1	0.44728804	9.72113605	3.6283395	0.000341	0.00272	-0.142647
205984_PM_at	CRHBP	-0.95123422	6.85190774	-3.628206	0.000341	0.00272	-0.143097
227868_PM_at	LOC154761	0.39968727	5.16316827	3.6278244	0.000341	0.00273	-0.144388
225220_PM_at	SNHG8	-0.26922774	10.0660316	-3.627022	0.000342	0.00273	-0.1471
224569_PM_s_at	IRF2BP2	0.23178975	9.99186907	3.6269611	0.000343	0.00273	-0.147305
232675_PM_s_at	UCKL1	-0.24298739	4.51529024	-3.626717	0.000343	0.00274	-0.148128
204951_PM_at	RHOH	0.52832615	4.2219845	3.6264414	0.000343	0.00274	-0.14906
205533_PM_s_at	CDH6	0.55524649	4.50884025	3.6264081	0.000343	0.00274	-0.149173
200035_PM_at	DULLARD	0.23242859	8.73923501	3.6262823	0.000343	0.00274	-0.149598
233638_PM_s_at	POMGNT1	-0.18630179	3.61274679	-3.626246	0.000343	0.00274	-0.149721
203516_PM_at	SNTA1	-0.41167844	6.24269598	-3.626191	0.000343	0.00274	-0.149907
240245_PM_at	---	0.70524633	5.66455888	3.6255829	0.000344	0.00274	-0.15196
211016_PM_x_at	HSPA4	-0.27080091	6.38112477	-3.625478	0.000344	0.00274	-0.152315
1569030_PM_s_at	NUB1	0.45405916	6.44825907	3.625106	0.000345	0.00275	-0.15357
220561_PM_at	IGF2AS	-0.18739795	4.14267371	-3.625087	0.000345	0.00275	-0.153635
223799_PM_at	KIAA1826	-0.21014517	3.60942468	-3.62496	0.000345	0.00275	-0.154063
229509_PM_at	MFSD8	-0.33464522	5.46275772	-3.624861	0.000345	0.00275	-0.154396
224778_PM_s_at	---	0.25777798	9.41234883	3.6247004	0.000345	0.00275	-0.15494
1558515_PM_at	NCRNA00182	0.68923897	6.44672881	3.624689	0.000345	0.00275	-0.154978
210133_PM_at	CCL11	0.80090756	5.9028155	3.6243866	0.000346	0.00275	-0.155999
1561249_PM_a_at	---	-0.17930914	3.8517102	-3.624303	0.000346	0.00275	-0.156283
201605_PM_x_at	CNN2	0.43926162	7.1768955	3.6241379	0.000346	0.00275	-0.156839
234496_PM_x_at	NYX	-0.26972732	4.32823408	-3.62403	0.000346	0.00275	-0.157203
205285_PM_s_at	FYB	0.61598405	4.59236879	3.6238385	0.000346	0.00275	-0.15785
226839_PM_at	NR2C2AP	0.27216798	5.82284752	3.6237419	0.000347	0.00275	-0.158176
242485_PM_at	---	0.32161423	4.62329889	3.623727	0.000347	0.00275	-0.158226
223836_PM_at	FGFBP2	0.48566322	3.97507787	3.6236707	0.000347	0.00275	-0.158416
1568609_PM_s_at	FAM91A2 /// FLJ39739 /// LOC100132057 /// LOC100286793 /	0.31304641	7.83997328	3.6236146	0.000347	0.00275	-0.158605
219279_PM_at	DOCK10	0.6779588	6.14321702	3.6235599	0.000347	0.00275	-0.15879
204748_PM_at	PTGS2	0.3792265	4.30817762	3.6234685	0.000347	0.00275	-0.159098
AFFX-PheX-3_at	---	0.78042601	6.46500104	3.6234243	0.000347	0.00275	-0.159247
237325_PM_at	C22orf43	-0.18013744	3.73603066	-3.623325	0.000347	0.00275	-0.159584
201858_PM_s_at	SRGN	0.6023563	9.9875337	3.6231998	0.000347	0.00276	-0.160005
215750_PM_at	KIAA1659	0.39229459	4.29572346	3.6231012	0.000347	0.00276	-0.160338
46270_PM_at	UBAP1	0.16049956	8.11191511	3.6228747	0.000348	0.00276	-0.161102
242946_PM_at	---	0.61882254	4.99206365	3.6227426	0.000348	0.00276	-0.161548
239217_PM_x_at	ABCC3	0.26990636	3.96813057	3.6225339	0.000348	0.00276	-0.162252
206819_PM_at	POM121LP	0.20742436	3.40572798	3.6224148	0.000348	0.00276	-0.162654
228324_PM_at	C9orf41	-0.22817839	7.74608633	-3.622235	0.000349	0.00276	-0.163261
205694_PM_at	TYRP1	-0.89775302	6.71313057	-3.622184	0.000349	0.00276	-0.163434
215434_PM_x_at	NBPF1 /// NBPF10	0.56298418	7.13319883	3.6215606	0.000349	0.00277	-0.165536
219888_PM_at	SPAG4	0.50268065	4.90563795	3.620771	0.00035	0.00277	-0.1682
230661_PM_at	---	0.57578027	6.37058165	3.620534	0.000351	0.00278	-0.168999
238311_PM_at	---	0.35461061	4.83059836	3.6204105	0.000351	0.00278	-0.169416
212173_PM_at	AK2	-0.32451154	5.93717173	-3.620234	0.000351	0.00278	-0.17001
201149_PM_s_at	TIMP3	0.61022983	8.23512269	3.6202304	0.000351	0.00278	-0.170023

238417_PM_at	PGM2L1	0.32500138	5.25557457	3.6202054	0.000351	0.00278	-0.170107
228349_PM_at	KIAA1958	-0.41612655	6.90834465	-3.620156	0.000351	0.00278	-0.170273
209261_PM_s_at	NR2F6	-0.21174017	3.89281292	-3.62013	0.000351	0.00278	-0.170363
204300_PM_at	PET112L	-0.27040562	7.77251483	-3.619627	0.000352	0.00278	-0.172058
200891_PM_s_at	SSR1	0.16269589	10.8573981	3.6195577	0.000352	0.00278	-0.172292
AFFX-ThrX-3_at	---	0.79104149	7.92396476	3.6193903	0.000352	0.00278	-0.172856
239027_PM_at	DOCK8	0.40454462	4.99634287	3.6193092	0.000352	0.00278	-0.17313
203103_PM_s_at	PRPF19	0.29651015	8.26832806	3.6192594	0.000352	0.00278	-0.173298
211033_PM_s_at	PEX7	-0.3623585	7.79417374	-3.619089	0.000353	0.00278	-0.173873
220470_PM_at	BET1L	-0.22682905	4.49952942	-3.618788	0.000353	0.00279	-0.174888
243416_PM_at	---	-0.35195429	5.25743699	-3.617999	0.000354	0.00279	-0.177547
238014_PM_at	TMEM194B	-0.29052609	5.09274439	-3.617547	0.000355	0.0028	-0.17907
238503_PM_at	CNIH3	-0.15135508	3.72994192	-3.617441	0.000355	0.0028	-0.179427
213002_PM_at	MARCKS	0.43897521	7.41926335	3.616906	0.000355	0.0028	-0.18123
202649_PM_x_at	RPS19	0.14589942	12.2904879	3.6166993	0.000356	0.00281	-0.181926
200825_PM_s_at	HYOU1	0.24615028	9.03629878	3.6166161	0.000356	0.00281	-0.182207
201163_PM_s_at	IGFBP7	0.11862933	12.6861402	3.6165769	0.000356	0.00281	-0.182339
238151_PM_at	---	0.35187996	4.81339974	3.6163959	0.000356	0.00281	-0.182949
225909_PM_at	LOC728743	0.29774093	4.95292424	3.6158808	0.000357	0.00281	-0.184684
213466_PM_at	RAB40C	-0.15234542	3.69562353	-3.615771	0.000357	0.00281	-0.185055
222976_PM_s_at	TPM3	0.20252165	10.9282534	3.6150766	0.000358	0.00282	-0.187393
212109_PM_at	HN1L	0.30769409	7.09458583	3.6150158	0.000358	0.00282	-0.187598
202343_PM_x_at	COX5B	-0.17337954	11.5690261	-3.614994	0.000358	0.00282	-0.187672
204490_PM_s_at	CD44	0.64935311	6.02385176	3.6146806	0.000358	0.00282	-0.188727
211639_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG4	0.95172233	4.56476275	3.6142673	0.000359	0.00282	-0.190119
203658_PM_at	SLC25A20	-0.32845243	8.05529166	-3.613975	0.000359	0.00283	-0.191104
223092_PM_at	ANKH	-0.29307548	8.53807975	-3.613946	0.000359	0.00283	-0.191201
204070_PM_at	RARRES3	0.47405876	9.96880596	3.6132463	0.00036	0.00283	-0.193556
228635_PM_at	PCDH10	0.5828482	4.9252808	3.6124921	0.000361	0.00284	-0.196095
1566602_PM_at	---	-0.1725455	3.6639449	-3.612482	0.000361	0.00284	-0.196131
218633_PM_x_at	ABHD10	-0.2913794	9.52206994	-3.612366	0.000361	0.00284	-0.196521
202270_PM_at	GBP1	0.66342115	8.38807743	3.6123386	0.000361	0.00284	-0.196612
229324_PM_x_at	ISYNA1	-0.23306621	4.00211751	-3.612335	0.000361	0.00284	-0.196622
227002_PM_at	FAM78A	0.32172463	4.88698954	3.6121452	0.000362	0.00284	-0.197263
203777_PM_s_at	RPS6K2	-0.25668926	4.98819844	-3.612068	0.000362	0.00284	-0.197522
202716_PM_at	PTPN1	0.31807955	8.05534374	3.6120033	0.000362	0.00284	-0.197741
214898_PM_x_at	MUC3B	0.39375714	4.35103139	3.611905	0.000362	0.00284	-0.198071
1555222_PM_a_at	---	-0.16811614	3.95773316	-3.611546	0.000363	0.00285	-0.19928
1559232_PM_a_at	---	0.31965102	4.37260342	3.6111501	0.000363	0.00285	-0.200612
204878_PM_s_at	TAOK2	-0.28292005	4.85227193	-3.611147	0.000363	0.00285	-0.200624
236701_PM_at	GSG1L	-0.20563219	4.17390311	-3.610656	0.000364	0.00285	-0.202273
237190_PM_at	---	-0.2644974	4.54190065	-3.610504	0.000364	0.00285	-0.202785
225969_PM_at	ALKB86	0.28839932	7.41893108	3.6104219	0.000364	0.00285	-0.203062
240692_PM_at	MGC34796	-0.34153804	4.91807207	-3.610401	0.000364	0.00285	-0.203133
213026_PM_at	ATG12	0.27640908	7.93780898	3.6102624	0.000364	0.00285	-0.203598
201158_PM_at	NMT1	0.25641153	8.16711135	3.6102503	0.000364	0.00285	-0.203639
224970_PM_at	NFIA	0.22672632	9.44128788	3.6100288	0.000365	0.00285	-0.204384
211512_PM_s_at	OGFR	-0.30771957	5.22663188	-3.609996	0.000365	0.00285	-0.204496
207486_PM_x_at	CHN2	-0.2437624	4.36950566	-3.609964	0.000365	0.00285	-0.204604
226537_PM_at	HINT3	-0.33027798	4.28294574	-3.609942	0.000365	0.00285	-0.204675
1558949_PM_at	TNRC18	0.24562381	3.74067413	3.6098817	0.000365	0.00285	-0.204879
209489_PM_at	CELF1	0.30613337	8.99098023	3.6093497	0.000365	0.00286	-0.206668
226153_PM_s_at	CNOT6L	0.2110092	8.85548591	3.609291	0.000366	0.00286	-0.206866
217772_PM_s_at	MTCH2	-0.30011628	10.4910374	-3.608927	0.000366	0.00286	-0.208089
214105_PM_at	---	-0.18759791	3.70069363	-3.608756	0.000366	0.00286	-0.208666
1553940_PM_a_at	LRRRC28	-0.78963034	6.02601028	-3.608637	0.000366	0.00286	-0.209067
243557_PM_at	---	0.16674802	3.48381348	3.6084216	0.000367	0.00287	-0.209789
215175_PM_at	PCNX	0.44719901	4.30039868	3.608325	0.000367	0.00287	-0.210114
229544_PM_at	---	-0.42595015	6.86253399	-3.608288	0.000367	0.00287	-0.21024
205557_PM_at	BPI	-0.86259265	5.03156471	-3.608138	0.000367	0.00287	-0.210743
202442_PM_at	AP351	0.16959409	10.4160725	3.6080434	0.000367	0.00287	-0.211061
212068_PM_s_at	BAT2L1	0.19622506	9.20797317	3.6080259	0.000367	0.00287	-0.21112
205775_PM_at	FAM50B	-0.24042703	7.72636353	-3.607322	0.000368	0.00287	-0.213485
230261_PM_at	ST8SIA4	0.51425642	4.17818303	3.6065318	0.000369	0.00288	-0.216142
211995_PM_x_at	ACTG1	0.18695526	12.295478	3.6065016	0.000369	0.00288	-0.216244

1553977_PM_a_at	CYP39A1	-0.46004631	5.53553801	-3.606287	0.00037	0.00288	-0.216963
220351_PM_at	CCRL1	0.61511498	5.47534631	3.6061438	0.00037	0.00288	-0.217446
206444_PM_at	PDE1B	-0.22723424	4.51399629	-3.605982	0.00037	0.00289	-0.217991
1561956_PM_at	---	0.27755449	4.06326678	3.605931	0.00037	0.00289	-0.218161
209855_PM_s_at	KLK2	-0.20282891	4.34923216	-3.605757	0.00037	0.00289	-0.218745
219134_PM_at	ELTD1	0.39836645	8.55256586	3.6050326	0.000371	0.00289	-0.22118
36019_PM_at	STK19	0.38636261	8.09838372	3.604923	0.000371	0.00289	-0.221548
236481_PM_at	FAH	-0.25673923	4.08355886	-3.604739	0.000372	0.0029	-0.222168
233713_PM_at	---	0.42729261	4.65683818	3.6047031	0.000372	0.0029	-0.222287
228488_PM_at	TBC1D16	0.40768458	6.5715217	3.6042951	0.000372	0.0029	-0.223658
229302_PM_at	TMEM178	-0.55277921	8.35775179	-3.604129	0.000373	0.0029	-0.224214
243030_PM_at	---	0.51861589	6.2910562	3.6038698	0.000373	0.0029	-0.225086
201697_PM_s_at	DNMT1	0.35157324	7.85051587	3.6038647	0.000373	0.0029	-0.225103
237947_PM_at	---	-0.16811306	3.92293202	-3.603646	0.000373	0.0029	-0.225836
224861_PM_at	GNAQ	0.21200658	8.43543176	3.6033803	0.000374	0.00291	-0.22673
234342_PM_at	FAM20C	-0.15539446	3.69407898	-3.60328	0.000374	0.00291	-0.227067
1562863_PM_at	---	0.18006859	3.90122513	3.6029722	0.000374	0.00291	-0.2281
204559_PM_s_at	LSM7	0.18989286	9.83404613	3.6023571	0.000375	0.00292	-0.230166
230196_PM_x_at	ARHGAP23	-0.20855887	4.33783638	-3.601926	0.000376	0.00292	-0.231614
220824_PM_at	---	-0.16725929	3.72584944	-3.601681	0.000376	0.00292	-0.232436
228726_PM_at	SERPIN1	0.29275073	8.07273677	3.6016551	0.000376	0.00292	-0.232523
210029_PM_at	IDO1	1.06558495	5.67569396	3.6016265	0.000376	0.00292	-0.232619
214927_PM_at	ITGBL1	0.62284827	4.62754235	3.6015262	0.000376	0.00292	-0.232955
228607_PM_at	OAS2	0.49804354	4.41733818	3.6013985	0.000376	0.00292	-0.233384
219278_PM_at	MAP3K6	0.34748808	5.59519982	3.6010284	0.000377	0.00293	-0.234626
202185_PM_at	PLOD3	0.25124799	8.53962404	3.6008842	0.000377	0.00293	-0.23511
215191_PM_at	---	0.38561475	4.80464647	3.6008144	0.000377	0.00293	-0.235344
202278_PM_s_at	SPTLC1	-0.73052597	6.17093931	-3.600753	0.000377	0.00293	-0.235552
234563_PM_at	---	0.42735057	4.97397666	3.6006981	0.000377	0.00293	-0.235735
225135_PM_at	SIN3A	0.20111445	7.23645257	3.5998896	0.000378	0.00293	-0.238448
214316_PM_x_at	---	-0.35491465	6.49184958	-3.599885	0.000378	0.00293	-0.238464
244379_PM_at	C1orf224	-0.25637984	4.27849852	-3.599753	0.000379	0.00293	-0.238905
202172_PM_at	VEZF1	0.22159986	8.85504983	3.5996389	0.000379	0.00294	-0.239289
207927_PM_at	HTR7	-0.1565351	3.82767876	-3.59923	0.000379	0.00294	-0.240661
226184_PM_at	FMNL2	0.29070013	9.15075261	3.5986705	0.00038	0.00294	-0.242538
238627_PM_at	TRAPPC2L	-0.27106801	5.11597329	-3.597768	0.000381	0.00295	-0.245565
219786_PM_at	MTL5	-0.2265553	4.22832872	-3.597766	0.000381	0.00295	-0.24557
241486_PM_at	---	-0.21163851	3.89397538	-3.597654	0.000381	0.00295	-0.245946
219244_PM_s_at	MRPL46	-0.19579231	8.81368149	-3.597411	0.000382	0.00296	-0.246763
215185_PM_at	---	0.32659635	5.26151674	3.5971826	0.000382	0.00296	-0.247528
239108_PM_at	FAR2	0.35843915	4.39673353	3.597175	0.000382	0.00296	-0.247553
204786_PM_s_at	IFNAR2	0.32991403	7.46237118	3.5970156	0.000382	0.00296	-0.248087
236371_PM_s_at	TGS1	0.16945176	3.87052378	3.5969571	0.000382	0.00296	-0.248284
211635_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGH4 /// IGH5 /// IGH6 /// IGH7 /// IGH8 /// IGH9 /// IGH10	0.89765856	4.94337606	3.5967423	0.000383	0.00296	-0.249004
206710_PM_s_at	EPB41L3	-0.46762405	8.98975159	-3.59668	0.000383	0.00296	-0.249213
228923_PM_at	S100A6	0.21408803	3.81266559	3.5963663	0.000383	0.00296	-0.250264
222786_PM_at	CHST12	0.27851122	5.54882123	3.5960758	0.000384	0.00297	-0.251238
219105_PM_x_at	ORC6L	0.31146469	5.57029105	3.5955064	0.000385	0.00297	-0.253147
205369_PM_x_at	DBT	-0.70247294	5.41830505	-3.595483	0.000385	0.00297	-0.253224
203514_PM_at	MAP3K3	0.29817869	7.05117001	3.5954215	0.000385	0.00297	-0.253431
237350_PM_at	TTC36	-0.60608349	6.65945082	-3.594931	0.000385	0.00297	-0.255075
211985_PM_s_at	CALM1	-0.45408525	10.0920981	-3.59481	0.000385	0.00297	-0.255481
217543_PM_s_at	MBTPS1	-0.37283666	5.54575182	-3.594807	0.000386	0.00297	-0.25549
221641_PM_s_at	ACOT9	0.23470003	7.90092043	3.5947979	0.000386	0.00297	-0.255521
238395_PM_at	---	0.15960753	3.66026527	3.5947056	0.000386	0.00298	-0.25583
239186_PM_at	MGC39372	0.26814159	3.77161379	3.5944783	0.000386	0.00298	-0.256592
202027_PM_at	TMEM184B	0.24776972	8.79755528	3.5943602	0.000386	0.00298	-0.256988
209092_PM_s_at	GLOD4	-0.22499494	9.4545072	-3.59396	0.000387	0.00298	-0.258329
214329_PM_x_at	TNFSF10	0.38531456	10.0806834	3.5938751	0.000387	0.00298	-0.258613
1553775_PM_at	FLJ31715	-0.32568499	4.80539293	-3.593799	0.000387	0.00298	-0.258867
215363_PM_x_at	FOLH1	-0.77243843	8.34588558	-3.592823	0.000388	0.00299	-0.262136
242942_PM_at	SLC38A10	-0.20161129	3.90704549	-3.592707	0.000388	0.00299	-0.262527
218431_PM_at	VIPAR	0.19776621	7.71148896	3.5924872	0.000389	0.00299	-0.263262
201253_PM_s_at	CDIPT	0.16490895	10.6161057	3.5922947	0.000389	0.003	-0.263907
203038_PM_at	PTPRK	0.19458633	9.64321597	3.5922328	0.000389	0.003	-0.264114

211780_PM_x_at	DCTN1	0.21736318	8.24665787	3.5921917	0.000389	0.003	-0.264252
209008_PM_x_at	KRT8	0.55225586	8.82465913	3.5921037	0.000389	0.003	-0.264546
222920_PM_s_at	KIAA0748	0.2684263	3.91609715	3.5919957	0.000389	0.003	-0.264908
222979_PM_s_at	SURF4	-0.32170318	8.61752952	-3.591332	0.00039	0.003	-0.26713
204405_PM_x_at	DIMT1L	0.2072292	8.61084609	3.5912612	0.000391	0.003	-0.267367
201749_PM_at	ECE1	0.28957088	8.12847131	3.5912215	0.000391	0.003	-0.2675
240094_PM_at	---	0.26267591	4.23660508	3.5909009	0.000391	0.00301	-0.268574
231774_PM_at	KCNIP3	-0.26388495	4.75561096	-3.590898	0.000391	0.00301	-0.268584
228551_PM_at	DENND5B	-0.36060844	7.52781032	-3.590591	0.000392	0.00301	-0.269611
218893_PM_at	ISOC2	-0.39536357	8.71351854	-3.589571	0.000393	0.00302	-0.273026
241666_PM_at	C3orf23	-0.64211427	4.96508298	-3.589189	0.000394	0.00302	-0.274303
AFFX-r2-Bs-thr-5_s	---	1.09705272	5.63218483	3.5889789	0.000394	0.00302	-0.275006
216953_PM_s_at	WT1	-0.40532548	4.14290748	-3.588714	0.000394	0.00303	-0.275894
211967_PM_at	TMEM123	0.28709416	9.70247092	3.5883768	0.000395	0.00303	-0.277021
212846_PM_at	RRP1B	0.29574968	7.91137629	3.5883666	0.000395	0.00303	-0.277055
214310_PM_s_at	ZFPL1	-0.27487028	4.71152191	-3.588303	0.000395	0.00303	-0.277268
235114_PM_x_at	HOOK3	0.27570904	4.2438964	3.5882528	0.000395	0.00303	-0.277436
212097_PM_at	CAV1	0.60100547	8.94549652	3.5881067	0.000395	0.00303	-0.277925
220308_PM_at	CDCC19	-0.3313363	5.37074881	-3.588028	0.000395	0.00303	-0.278187
233564_PM_s_at	CDADC1	-0.31853424	5.54085877	-3.588026	0.000395	0.00303	-0.278196
210331_PM_at	HECW1	-0.25410748	4.3845065	-3.587974	0.000395	0.00303	-0.278368
235966_PM_at	DAB2IP	-0.39819375	5.69056391	-3.58772	0.000396	0.00303	-0.279219
204411_PM_at	KIF21B	0.3272172	4.07853864	3.5876831	0.000396	0.00303	-0.279341
237587_PM_at	---	-0.78149638	6.84323434	-3.587371	0.000396	0.00303	-0.280384
242463_PM_x_at	ZNF600	0.30583469	7.10607573	3.5872776	0.000396	0.00303	-0.280698
45714_PM_at	HCFC1R1	0.40253804	8.50256182	3.5865805	0.000397	0.00304	-0.283029
217864_PM_s_at	PIAS1	0.21466823	8.71568333	3.5863461	0.000398	0.00304	-0.283813
239411_PM_at	---	0.27795959	4.24495148	3.5862854	0.000398	0.00304	-0.284016
238193_PM_at	---	0.16085796	3.67694315	3.5862768	0.000398	0.00304	-0.284045
234716_PM_at	ZIC1	-0.21600803	3.82846997	-3.586077	0.000398	0.00305	-0.284714
1553352_PM_x_at	ERVWE1	0.18105288	3.92904894	3.5858733	0.000398	0.00305	-0.285394
231691_PM_at	C3P1	-0.17723307	3.90942974	-3.585777	0.000398	0.00305	-0.285717
206961_PM_s_at	MED20	-0.21998945	3.72856029	-3.585692	0.000399	0.00305	-0.285999
225409_PM_at	C2orf64	-0.21080265	8.58171599	-3.585686	0.000399	0.00305	-0.286019
225710_PM_at	GNB4	0.45626861	8.19954495	3.585229	0.000399	0.00305	-0.287548
223040_PM_at	NAA20	-0.18986534	9.81941645	-3.584813	0.0004	0.00306	-0.288938
204624_PM_at	ATP7B	-0.34089252	5.79486161	-3.584621	0.0004	0.00306	-0.28958
235194_PM_at	TPCN2	-0.31467191	4.49422655	-3.584506	0.0004	0.00306	-0.289965
226303_PM_at	PGM5	0.38652517	7.29180203	3.5835805	0.000402	0.00307	-0.293058
1552496_PM_a_at	COBL	-0.40213724	4.6460699	-3.583109	0.000402	0.00307	-0.294633
236506_PM_at	---	0.28737366	5.04477111	3.5824652	0.000403	0.00308	-0.296784
223980_PM_s_at	SP110	0.44498895	7.31053296	3.5822708	0.000404	0.00308	-0.297433
201727_PM_s_at	ELAVL1	-0.29551669	7.46278872	-3.582185	0.000404	0.00308	-0.29772
227755_PM_at	---	0.28494585	7.7705969	3.582128	0.000404	0.00308	-0.29791
1554474_PM_a_at	MOXD1	0.82043839	6.52950802	3.5820938	0.000404	0.00308	-0.298025
215454_PM_x_at	SFTPC	-0.19718005	4.24773348	-3.582045	0.000404	0.00308	-0.298186
216038_PM_x_at	DAXX	0.27608682	6.54562213	3.5818707	0.000404	0.00308	-0.29877
206761_PM_at	CD96	0.44183625	3.87882827	3.5818226	0.000404	0.00308	-0.29893
227241_PM_at	MUC15	-0.76897962	5.02491475	-3.581525	0.000405	0.00308	-0.299923
239605_PM_x_at	---	0.22952258	3.97411487	3.5809506	0.000406	0.00309	-0.301843
238180_PM_at	---	-0.30433941	4.78454298	-3.580445	0.000406	0.0031	-0.303531
201036_PM_s_at	HADH	-0.34142588	10.6057227	-3.580013	0.000407	0.0031	-0.304972
236514_PM_at	ACOT8	-0.32212487	4.50402552	-3.579916	0.000407	0.0031	-0.305297
213671_PM_s_at	MARS	0.16346379	9.13294727	3.5799127	0.000407	0.0031	-0.305308
243809_PM_at	HELQ	-0.16568129	3.73654065	-3.579767	0.000407	0.0031	-0.305793
238786_PM_at	---	-0.39828592	6.05165174	-3.579513	0.000408	0.0031	-0.306642
1555202_PM_a_at	RPRD1A	-0.2837868	3.95400728	-3.579467	0.000408	0.0031	-0.306794
202739_PM_s_at	PHKB	-0.16504545	8.80742799	-3.579284	0.000408	0.0031	-0.307407
242890_PM_at	---	0.23582394	3.66072781	3.5791951	0.000408	0.0031	-0.307703
235570_PM_at	RBMS3	0.41690909	7.8764651	3.5791931	0.000408	0.0031	-0.30771
217924_PM_at	C6orf106	-0.25987676	4.45680143	-3.578783	0.000409	0.00311	-0.30908
232105_PM_at	---	0.17690185	3.34331459	3.5785283	0.000409	0.00311	-0.309929
226545_PM_at	CD109	-0.45003	8.43474168	-3.578492	0.000409	0.00311	-0.310049
243819_PM_at	---	0.45516523	4.8250151	3.5780938	0.00041	0.00311	-0.311379
AFFX-r2-Ec-bioC-5_	---	0.39766785	9.59639288	3.5778744	0.00041	0.00312	-0.312111

201259_PM_s_at	SYPL1	-0.42893274	9.81710736	-3.577765	0.00041	0.00312	-0.312477
216768_PM_x_at	TTC38	-0.32523581	6.01758626	-3.577597	0.000411	0.00312	-0.313038
235442_PM_at	CXorf56	0.41264983	4.11071785	3.576934	0.000412	0.00312	-0.315248
229760_PM_at	VEPH1	-0.20374996	4.19821928	-3.576835	0.000412	0.00312	-0.315577
233801_PM_s_at	SEMA6D	-0.21868277	3.71158609	-3.576832	0.000412	0.00312	-0.315559
204371_PM_s_at	KHSRP	-0.35706594	5.6174331	-3.57681	0.000412	0.00312	-0.315662
239740_PM_at	ETV6	0.32462386	4.2159566	3.5767158	0.000412	0.00312	-0.315976
243201_PM_at	HNRNP102	0.24748168	4.49919128	3.5765711	0.000412	0.00312	-0.316459
1552634_PM_a_at	ZNF101	0.33268751	4.72368119	3.5763633	0.000412	0.00313	-0.317152
226552_PM_at	IER5L	0.34120465	6.74561263	3.5761856	0.000413	0.00313	-0.317745
226137_PM_at	ZFH3	0.31940217	8.32074295	3.575956	0.000413	0.00313	-0.318511
223712_PM_at	PCBD2	-0.32009389	7.22355251	-3.575766	0.000413	0.00313	-0.319145
201034_PM_at	ADD3	-0.19371936	11.3390142	-3.574546	0.000415	0.00314	-0.323211
214433_PM_s_at	SELENBP1	-0.42058514	9.52439191	-3.573967	0.000416	0.00315	-0.325144
214268_PM_s_at	MTMR4	-0.24119475	8.44761269	-3.573533	0.000417	0.00316	-0.326589
235730_PM_at	---	0.51153522	6.39976615	3.5732474	0.000417	0.00316	-0.327541
206829_PM_x_at	ZNF430	0.41448659	5.91814643	3.5731269	0.000417	0.00316	-0.327943
1561504_PM_s_at	MYLK4	-0.34811545	4.00026376	-3.571376	0.00042	0.00318	-0.333777
203971_PM_at	SLC31A1	-0.30943507	8.56793572	-3.571234	0.00042	0.00318	-0.33425
235817_PM_at	TMEM184A	-0.33830353	4.92715133	-3.571073	0.00042	0.00318	-0.334787
242968_PM_at	---	0.48661373	6.33567288	3.5707611	0.000421	0.00318	-0.335825
220565_PM_at	CCR10	-0.16627826	3.88919874	-3.570733	0.000421	0.00318	-0.335918
236922_PM_at	---	0.32586684	5.49200972	3.5705988	0.000421	0.00318	-0.336365
213388_PM_at	PDE4DIP	-0.26943946	7.77283158	-3.570477	0.000421	0.00318	-0.336772
1568949_PM_at	PITPNC1	-0.20452101	3.98536335	-3.570139	0.000422	0.00319	-0.337898
217793_PM_at	RAB11B	0.30529984	5.8973381	3.570055	0.000422	0.00319	-0.338176
37012_PM_at	CAPZB	0.23420992	9.76813307	3.5698891	0.000422	0.00319	-0.338729
208848_PM_at	ADH5	-0.33007215	9.86922345	-3.569641	0.000423	0.00319	-0.339553
213207_PM_s_at	GOSR2	-0.32371572	6.42798113	-3.56947	0.000423	0.00319	-0.340124
214948_PM_s_at	TMF1	0.22754882	8.12468119	3.5694026	0.000423	0.00319	-0.340348
233613_PM_x_at	REXO2	-0.35285813	9.26643444	-3.569103	0.000423	0.0032	-0.341346
210834_PM_s_at	PTGER3	-0.24402355	3.84635599	-3.569016	0.000424	0.0032	-0.341637
232970_PM_at	---	-0.37463915	5.43860757	-3.568761	0.000424	0.0032	-0.342483
214830_PM_at	SLC38A6	-0.42600385	7.53301655	-3.56876	0.000424	0.0032	-0.342487
205295_PM_at	CKMT2	-0.8044668	7.05412329	-3.567926	0.000425	0.00321	-0.345264
211509_PM_s_at	RTN4	-0.15789944	12.0499736	-3.56773	0.000426	0.00321	-0.345917
236616_PM_at	---	0.18229866	3.97449619	3.5676106	0.000426	0.00321	-0.346314
239695_PM_at	JAK1	0.24946433	3.97017098	3.5672359	0.000426	0.00321	-0.347561
219147_PM_s_at	C9orf95	-0.23477438	9.14613554	-3.566603	0.000427	0.00322	-0.349668
212801_PM_at	CIT	0.47139088	6.47850464	3.5664828	0.000428	0.00322	-0.350067
218195_PM_at	C6orf211	-0.27000049	9.32898948	-3.566297	0.000428	0.00322	-0.350684
203375_PM_s_at	TPP2	0.21054119	8.26348915	3.5660683	0.000428	0.00322	-0.351446
208909_PM_at	UQCRCF51	-0.21268472	11.609132	-3.565916	0.000428	0.00323	-0.351952
1562689_PM_at	LOC151484	-0.16421945	3.991702	-3.565779	0.000429	0.00323	-0.352406
239925_PM_at	---	-0.25428495	4.0735103	-3.565098	0.00043	0.00323	-0.354674
228700_PM_at	CXorf38	0.35136466	6.67562929	3.5648815	0.00043	0.00324	-0.355393
219286_PM_s_at	RBM15	0.24856665	8.24829043	3.5648239	0.00043	0.00324	-0.355584
208478_PM_s_at	BAX	0.62192734	5.18248006	3.5642317	0.000431	0.00324	-0.357554
228542_PM_at	MRS2	-0.47933004	6.510455	-3.564102	0.000431	0.00324	-0.357984
225584_PM_at	HCG18	0.37356003	6.93957689	3.564079	0.000431	0.00324	-0.358062
222891_PM_s_at	BCL11A	0.61937885	4.3618944	3.5639353	0.000432	0.00324	-0.358539
244281_PM_at	REXO1	-0.19474751	3.90169111	-3.56377	0.000432	0.00324	-0.359087
229251_PM_s_at	TPCN2	-0.33643879	5.71314379	-3.563768	0.000432	0.00324	-0.359095
211924_PM_s_at	PLAUR	0.61496918	5.01560125	3.5633522	0.000432	0.00325	-0.360478
243271_PM_at	---	0.61228464	6.25086341	3.5632254	0.000433	0.00325	-0.360899
204337_PM_at	RGS4	0.61060507	5.16585745	3.563084	0.000433	0.00325	-0.36137
215712_PM_s_at	IGFALS	-0.28637397	4.5078737	-3.562914	0.000433	0.00325	-0.361936
216071_PM_x_at	MED12	0.38239006	5.58401989	3.5623932	0.000434	0.00326	-0.363666
243524_PM_at	---	0.29046959	4.45870105	3.5620084	0.000435	0.00326	-0.364945
233665_PM_x_at	MTO1	-0.34598715	7.89579848	-3.561783	0.000435	0.00326	-0.365693
222565_PM_s_at	PRKD3	0.35285104	7.18523846	3.5616465	0.000435	0.00326	-0.366147
217534_PM_at	FAM49B	0.40324934	5.59252939	3.5616358	0.000435	0.00326	-0.366183
222596_PM_s_at	LGR4	-0.1818408	3.95171657	-3.560262	0.000437	0.00328	-0.370747
230529_PM_at	HECA	0.31280339	4.15314175	3.5600671	0.000438	0.00328	-0.371395
201271_PM_s_at	RALY	0.26908625	8.09268445	3.5598987	0.000438	0.00328	-0.371954

220529_PM_at	FU11710	-0.34210216	6.48236199	-3.559897	0.000438	0.00328	-0.371959
1553565_PM_s_at	DDAH1	-0.18042921	4.0012594	-3.559787	0.000438	0.00328	-0.372326
231682_PM_at	---	-0.21672584	4.25929104	-3.559563	0.000438	0.00328	-0.373707
1556283_PM_s_at	FGFR1OP2	-0.3166574	6.60989486	-3.559414	0.000439	0.00329	-0.373565
225930_PM_at	NKIRAS1	-0.26147832	7.51449628	-3.559249	0.000439	0.00329	-0.374112
207657_PM_x_at	TNPO1	0.33353446	8.91086603	3.5591932	0.000439	0.00329	-0.374297
227014_PM_at	ASPHD2	0.57419416	5.40150083	3.5590035	0.000439	0.00329	-0.374927
201088_PM_at	KPNA2	0.30171346	9.14503475	3.558929	0.000439	0.00329	-0.375174
222270_PM_at	SMEK2	-0.33859261	5.53824625	-3.558528	0.00044	0.00329	-0.376333
237018_PM_at	---	0.43453119	4.98471504	3.558494	0.00044	0.00329	-0.376619
202902_PM_s_at	CTSS	0.90454506	8.06889	3.558367	0.00044	0.00329	-0.37704
208626_PM_s_at	VAT1	0.30451851	9.15588269	3.5582337	0.000441	0.00329	-0.377483
213517_PM_at	PCBP2	0.49989211	7.40805618	3.5581362	0.000441	0.00329	-0.377806
219429_PM_at	FA2H	-0.31965683	4.77063101	-3.557773	0.000441	0.0033	-0.379011
228319_PM_at	LOC100288316	-0.34507844	4.88790004	-3.557739	0.000441	0.0033	-0.379126
241389_PM_at	CHRN2	-0.23010491	4.58676921	-3.557606	0.000442	0.0033	-0.379567
219452_PM_at	DPEP2	0.39925484	4.36583725	3.5575496	0.000442	0.0033	-0.379754
209224_PM_s_at	NDUFA2	-0.15479091	11.1956475	-3.556888	0.000443	0.00331	-0.381951
226613_PM_at	GATS13 /// TBC1D10A	-0.55772192	5.49356619	-3.55668	0.000443	0.00331	-0.382641
222736_PM_s_at	TMEM38B	-0.58574392	6.25253427	-3.556659	0.000443	0.00331	-0.38271
212639_PM_x_at	TUBA1B	0.28895192	11.6153045	3.5564377	0.000443	0.00331	-0.383444
216269_PM_s_at	ELN	-0.15352586	3.72723694	-3.55639	0.000444	0.00331	-0.383602
1566957_PM_at	---	-0.21297103	4.06669803	-3.556374	0.000444	0.00331	-0.383655
213564_PM_x_at	LDHB	-0.15317377	12.8862654	-3.556345	0.000444	0.00331	-0.383753
241230_PM_at	CA12	-0.25745846	4.25187288	-3.556034	0.000444	0.00331	-0.384783
218292_PM_s_at	PRKAG2	-0.49911469	6.56975451	-3.556032	0.000444	0.00331	-0.384791
229360_PM_at	ZNF280B	0.26708485	4.01045307	3.555814	0.000444	0.00331	-0.385514
226296_PM_s_at	MRPS15	-0.1854105	10.6144606	-3.555465	0.000445	0.00332	-0.386671
204533_PM_at	CXCL10	1.08941093	8.4231637	3.5553444	0.000445	0.00332	-0.387072
216022_PM_at	---	0.34121143	3.81701021	3.5548932	0.000446	0.00332	-0.388569
213800_PM_at	CFH	0.61806876	7.67428025	3.5547112	0.000446	0.00332	-0.389172
233562_PM_at	LOC84856	-0.53223865	5.93293838	-3.554384	0.000447	0.00333	-0.390259
206136_PM_at	FZD5	-0.19813811	4.10128803	-3.554378	0.000447	0.00333	-0.390277
227976_PM_at	LOC644538	0.39752512	4.62281463	3.5535642	0.000448	0.00334	-0.392977
205262_PM_at	KCNH2	-0.19996414	3.96983483	-3.553479	0.000448	0.00334	-0.393261
235855_PM_at	COX15	-0.18886653	4.2708442	-3.553455	0.000448	0.00334	-0.393339
214140_PM_at	SLC25A16	-0.28885143	6.68244216	-3.553429	0.000448	0.00334	-0.393425
202628_PM_s_at	SERPINE1	0.65182603	4.50943785	3.5533764	0.000448	0.00334	-0.393599
214155_PM_s_at	LARP4	-0.3724296	6.13145853	-3.553163	0.000449	0.00334	-0.394306
231864_PM_at	ZNF33A	0.25302531	7.93666709	3.5530462	0.000449	0.00334	-0.394694
213995_PM_at	ATP5S	-0.30266978	7.35891083	-3.552998	0.000449	0.00334	-0.394854
AFFX-r2-Ec-bioB-3_	---	0.40720499	9.20666207	3.5527482	0.000449	0.00334	-0.395682
211686_PM_s_at	MAK16	0.18802139	8.02610991	3.5527278	0.000449	0.00334	-0.39575
204081_PM_at	NRGN	0.22508792	4.61941066	3.5524209	0.00045	0.00334	-0.396767
206636_PM_at	RASA2	0.24745456	4.07610907	3.5521156	0.00045	0.00335	-0.397779
226255_PM_at	ZBTB33	0.21780963	8.76483455	3.5514962	0.000451	0.00335	-0.399833
215786_PM_at	---	0.2870084	4.49591048	3.5512043	0.000452	0.00336	-0.4008
1554740_PM_a_at	IPP	-0.41574776	5.07261386	-3.55106	0.000452	0.00336	-0.401278
201691_PM_s_at	TPD52	-0.4021174	5.40524874	-3.550989	0.000452	0.00336	-0.401512
221498_PM_at	SNX27	-0.22423606	8.64461274	-3.550778	0.000453	0.00336	-0.402212
234890_PM_at	---	-0.14834653	3.9223876	-3.550705	0.000453	0.00336	-0.402454
208649_PM_s_at	VCP	0.26502077	8.82165497	3.5503743	0.000453	0.00336	-0.403551
214450_PM_at	CTSW	0.24324059	4.27731426	3.5501131	0.000454	0.00336	-0.404416
1554228_PM_a_at	C8orf56	-0.21948186	4.49930082	-3.549948	0.000454	0.00337	-0.404964
217971_PM_at	MAPKSP1	-0.17590238	9.77299872	-3.549655	0.000455	0.00337	-0.405935
209171_PM_at	ITPA	0.18755922	8.7172847	3.5496073	0.000455	0.00337	-0.406092
228232_PM_s_at	VSIG2	-0.22699399	4.51956585	-3.549462	0.000455	0.00337	-0.406574
222009_PM_at	CEMP1	-0.16269279	3.68858245	-3.549363	0.000455	0.00337	-0.406902
226783_PM_at	AGXT2L2	0.45821946	7.40739707	3.5492977	0.000455	0.00337	-0.407117
219519_PM_s_at	SIGLEC1	0.5846964	4.55174576	3.5492673	0.000455	0.00337	-0.407218
239139_PM_at	CNP9	-0.1959658	3.85159687	-3.54921	0.000455	0.00337	-0.407408
222031_PM_at	LOC286434 /// LOC389906 /// LOC729162	0.17800482	3.82901763	3.5489555	0.000456	0.00337	-0.408251
230741_PM_at	---	0.71816999	5.23631625	3.5486173	0.000456	0.00338	-0.409371
208881_PM_x_at	IDI1	-0.24455068	9.32033546	-3.548432	0.000457	0.00338	-0.409985
222366_PM_at	---	0.53373247	6.03110903	3.547577	0.000458	0.00339	-0.412816

212221_PM_x_at	AFMID /// IDS	0.20160222	9.53544749	3.5475696	0.000458	0.00339	-0.41284
222169_PM_x_at	SH2D3A	0.2956198	4.69932073	3.5474352	0.000458	0.00339	-0.413285
214634_PM_at	---	-0.419985	5.93142962	-3.547258	0.000458	0.00339	-0.413872
223478_PM_at	TIMM8B	-0.31727842	8.1039533	-3.547069	0.000459	0.00339	-0.414498
215583_PM_at	TMEM63A	0.23747617	4.69847094	3.5470268	0.000459	0.00339	-0.414637
202388_PM_at	RGS2	0.46363227	8.20193102	3.5466421	0.000459	0.0034	-0.415911
225450_PM_at	AMOTL1	0.35181656	7.73676316	3.5464044	0.00046	0.0034	-0.416698
235359_PM_at	LRRC33	0.48251276	4.84600508	3.5463426	0.00046	0.0034	-0.416902
200670_PM_at	XBP1	0.3045054	9.82153171	3.5462072	0.00046	0.0034	-0.41735
211641_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 /// IGHG3 /// IGHG5	0.8254474	4.63880164	3.5455139	0.000461	0.00341	-0.419645
219075_PM_at	YIPF2	-0.22600508	4.70502558	-3.545342	0.000462	0.00341	-0.420215
236266_PM_at	RORA	-0.38715089	6.09895542	-3.545327	0.000462	0.00341	-0.420263
210653_PM_s_at	BCKDHB	-0.47580292	7.53559953	-3.544642	0.000463	0.00342	-0.422531
208899_PM_x_at	ATP6V1D	-0.4122738	10.1182159	-3.544595	0.000463	0.00342	-0.422685
243973_PM_at	---	0.24090535	4.14570854	3.5445046	0.000463	0.00342	-0.422985
1563226_PM_at	SLC38A10	0.17977248	3.44741235	3.5442314	0.000464	0.00342	-0.423888
220865_PM_s_at	PDSS1	-0.41589128	7.29379253	-3.544181	0.000464	0.00342	-0.424056
225380_PM_at	PKDCC	0.33658989	7.60849081	3.5439601	0.000464	0.00342	-0.424786
219528_PM_s_at	BCL11B	0.54305309	4.18411392	3.5438697	0.000464	0.00342	-0.425085
1558577_PM_at	LOC148709	-0.20133839	3.65007098	-3.543638	0.000465	0.00342	-0.425852
236592_PM_at	---	0.29261405	4.69189418	3.5436239	0.000465	0.00342	-0.425898
217755_PM_at	HN1	0.35244478	8.00244694	3.5435825	0.000465	0.00342	-0.426035
222545_PM_s_at	C10orf57	-0.4213674	6.1429658	-3.542647	0.000466	0.00343	-0.429128
240064_PM_at	---	0.28407551	3.69372814	3.5425968	0.000466	0.00343	-0.429295
212057_PM_at	KIAA0182	0.31780137	7.59799809	3.5423787	0.000467	0.00344	-0.430016
203565_PM_s_at	MNAT1	-0.25492254	7.35658712	-3.542218	0.000467	0.00344	-0.430549
228415_PM_at	AP1S2	0.37548489	6.59798945	3.54195	0.000467	0.00344	-0.431434
224118_PM_at	UBE2B	-0.16164222	3.92915453	-3.541423	0.000468	0.00345	-0.433176
1557038_PM_s_at	LOC100289373	-0.22567407	4.88414051	-3.541152	0.000469	0.00345	-0.43407
1559425_PM_at	---	0.61823249	5.56831726	3.5402806	0.00047	0.00346	-0.436952
210058_PM_at	MAPK13	0.3636177	6.8067846	3.5402759	0.00047	0.00346	-0.436967
213967_PM_at	RALYL	-0.69173673	7.68126027	-3.539644	0.000471	0.00346	-0.439057
230170_PM_at	OSM	-0.22003288	4.3881198	-3.539285	0.000472	0.00347	-0.440242
218061_PM_at	MEA1	0.20339903	9.81097338	3.5391205	0.000472	0.00347	-0.440785
213990_PM_s_at	PAK7	-0.16101033	3.70043075	-3.539069	0.000472	0.00347	-0.440957
228978_PM_at	LOC645722	-0.28862103	4.88312553	-3.538975	0.000472	0.00347	-0.441266
214808_PM_at	---	0.44388541	7.21312693	3.5388976	0.000473	0.00347	-0.441522
228375_PM_at	IGSF11	-0.68096295	6.97452547	-3.538747	0.000473	0.00347	-0.442018
223886_PM_s_at	RNF146	-0.16741077	9.42098728	-3.538735	0.000473	0.00347	-0.442059
208851_PM_s_at	THY1	-0.53244319	9.12249477	-3.538641	0.000473	0.00347	-0.442369
1554016_PM_a_at	C16orf57	0.32422812	7.07609138	3.5386018	0.000473	0.00347	-0.442499
229907_PM_at	---	-0.25099782	4.35646004	-3.537947	0.000474	0.00348	-0.444663
1555812_PM_a_at	ARHGDI1B	0.6698781	7.76328245	3.5379022	0.000474	0.00348	-0.44481
211112_PM_at	SLC12A4	-0.27093007	4.33774142	-3.537888	0.000474	0.00348	-0.444855
209798_PM_at	NPAT	0.24599738	7.14802289	3.5377307	0.000475	0.00348	-0.445376
226596_PM_x_at	LOC729852	-0.20569548	9.25609013	-3.53722	0.000475	0.00349	-0.447061
235469_PM_at	FAM133B	0.26001577	3.94477656	3.5370827	0.000476	0.00349	-0.447516
1554759_PM_at	SRCIN1	-0.24638282	4.55266851	-3.536755	0.000476	0.00349	-0.4486
238534_PM_at	LRRFIP1	0.52814143	5.39087277	3.5367407	0.000476	0.00349	-0.448645
AFFX-DapX-M_at	---	0.91524353	8.50681901	3.5366113	0.000476	0.00349	-0.449073
223679_PM_at	CTNNB1	0.39382664	7.15791423	3.5364874	0.000477	0.00349	-0.449482
205596_PM_s_at	SMURF2	0.26201876	8.35624924	3.5361516	0.000477	0.00349	-0.45059
232557_PM_at	LOC390595	-0.20283691	4.17452991	-3.536061	0.000477	0.0035	-0.450891
226217_PM_at	SLC30A7	0.25722612	8.75062734	3.5352139	0.000479	0.00351	-0.453685
242994_PM_at	---	-0.15642812	3.82271606	-3.534698	0.00048	0.00351	-0.455389
222554_PM_s_at	NOL6	-0.19586971	4.44728863	-3.534178	0.000481	0.00352	-0.457103
222699_PM_s_at	PLEKHF2	-0.66970396	6.85102445	-3.534116	0.000481	0.00352	-0.457309
226540_PM_at	CCDC42B	-0.34287929	5.77701867	-3.534076	0.000481	0.00352	-0.45744
208967_PM_s_at	AK2	-0.338577	9.6000504	-3.534051	0.000481	0.00352	-0.457522
225573_PM_at	ACAD11 /// NPHP3	-0.44888173	9.7721776	-3.53399	0.000481	0.00352	-0.457725
238512_PM_at	---	0.44266878	4.62176347	3.5338853	0.000481	0.00352	-0.45807
217256_PM_x_at	---	0.17855641	10.5964439	3.533606	0.000482	0.00352	-0.458992
1556814_PM_a_at	---	0.22655105	3.87608912	3.5328604	0.000483	0.00353	-0.461451
206763_PM_at	FKBP6	-0.15547801	4.23521865	-3.532782	0.000483	0.00353	-0.46171
237284_PM_at	DNAJB8	-0.16099725	3.82044102	-3.532654	0.000483	0.00353	-0.462131

203663_PM_s_at	COX5A	-0.16033577	11.5963831	-3.532431	0.000484	0.00353	-0.462867
207306_PM_at	TCF15	-0.28261479	4.46069528	-3.532302	0.000484	0.00353	-0.463293
202037_PM_s_at	SFRP1	0.39713959	10.481068	3.5322517	0.000484	0.00353	-0.463459
225178_PM_at	TTC14	0.35429882	7.91948566	3.5322139	0.000484	0.00353	-0.463584
215367_PM_at	KIAA1614	-0.15291532	3.83145451	-3.532053	0.000484	0.00353	-0.464116
218240_PM_at	NKIRAS2	0.27577826	6.23892638	3.5320114	0.000484	0.00353	-0.464251
209304_PM_x_at	GADD45B	0.36006553	8.41107666	3.5318138	0.000485	0.00354	-0.464903
221142_PM_s_at	PECR	-0.54726353	8.32924295	-3.531619	0.000485	0.00354	-0.465546
220210_PM_at	CHRNA10	-0.21418491	4.51649464	-3.531444	0.000485	0.00354	-0.466123
215015_PM_at	CCDC64	-0.2495699	5.06706602	-3.531436	0.000485	0.00354	-0.46615
230386_PM_at	---	-0.4105146	6.55936835	-3.531043	0.000486	0.00354	-0.467446
217789_PM_at	SNX6	0.24166916	8.32693128	3.5310236	0.000486	0.00354	-0.467508
215083_PM_at	---	0.51248208	6.02419086	3.5306193	0.000487	0.00355	-0.468841
201996_PM_s_at	SPEN	0.52708905	7.29032276	3.5305679	0.000487	0.00355	-0.469011
230108_PM_at	ERCC6	-0.19187069	5.03628195	-3.529722	0.000489	0.00356	-0.471798
210220_PM_at	FZD2	0.41393192	4.84329195	3.5295291	0.000489	0.00356	-0.472435
213340_PM_s_at	KIAA0495	0.27296694	7.86707128	3.5293555	0.000489	0.00356	-0.473007
213460_PM_x_at	NSUN5P2	0.28036763	8.11544382	3.5292002	0.000489	0.00356	-0.473519
201936_PM_s_at	EIF4G3	0.26673061	7.96454292	3.5291759	0.000489	0.00356	-0.473599
205364_PM_at	ACOX2	-0.58362048	9.35420971	-3.529147	0.00049	0.00356	-0.473693
209488_PM_s_at	RBPMS	0.32346332	9.29788653	3.5291385	0.00049	0.00356	-0.473722
202209_PM_at	LSM3	-0.18703854	10.5564219	-3.528679	0.00049	0.00357	-0.475235
223155_PM_at	HDHD2	-0.16579405	9.67226936	-3.528644	0.00049	0.00357	-0.475351
238036_PM_at	---	0.22160772	3.86937195	3.5272402	0.000493	0.00358	-0.479976
222977_PM_at	SURF4	-0.28570738	9.09460595	-3.52723	0.000493	0.00358	-0.480011
222744_PM_s_at	TMLHE	-0.29406627	7.04211784	-3.527195	0.000493	0.00358	-0.480125
1554167_PM_a_at	GOLGA7	-0.48111167	8.60684679	-3.526664	0.000494	0.00359	-0.481875
220560_PM_at	C11orf21	0.44530273	4.50146483	3.5264778	0.000494	0.00359	-0.482487
214182_PM_at	---	0.35256314	7.48838509	3.5264112	0.000494	0.00359	-0.482706
205532_PM_s_at	CDH6	0.66376189	8.0108462	3.526397	0.000494	0.00359	-0.482753
204285_PM_s_at	PMAIP1	0.54655018	4.23087013	3.5263572	0.000494	0.00359	-0.482884
241824_PM_at	---	0.3633883	3.79798603	3.5263517	0.000494	0.00359	-0.482902
231191_PM_at	---	-0.18859568	4.30602119	-3.526136	0.000495	0.00359	-0.483614
241943_PM_at	LOC732448	-0.17654695	3.82954976	-3.525999	0.000495	0.00359	-0.484065
216783_PM_at	---	0.19162625	3.38816112	3.5253218	0.000496	0.0036	-0.486293
237040_PM_at	CWF19L2	0.31449291	8.06253442	3.5244634	0.000498	0.00361	-0.489119
220536_PM_at	C14orf115	-0.29000968	4.92900878	-3.524261	0.000498	0.00361	-0.489784
232752_PM_at	LOC100287616	0.46677323	5.54537565	3.5236171	0.000499	0.00362	-0.491904
241354_PM_at	NCRNA00105	-0.202388	4.75185655	-3.523398	0.0005	0.00362	-0.492265
209493_PM_at	PDZD2	-0.47942283	8.16336054	-3.522962	0.000501	0.00363	-0.494061
213462_PM_at	NPAS2	0.42645856	6.6404023	3.5229447	0.000501	0.00363	-0.494117
221739_PM_at	C19orf10	0.46564493	7.88474254	3.5228637	0.000501	0.00363	-0.494383
218488_PM_at	EIF2B3	-0.25842846	7.82967747	-3.522234	0.000502	0.00363	-0.496454
204526_PM_s_at	TBC1D8	0.35367606	8.26275232	3.5221771	0.000502	0.00363	-0.496642
1565583_PM_at	LOC100291336	-0.25621216	4.30849338	-3.522083	0.000502	0.00364	-0.496951
217899_PM_at	TMEM214	0.27349262	7.49298043	3.5218213	0.000503	0.00364	-0.497812
1563344_PM_at	---	-0.1921721	3.83308675	-3.521696	0.000503	0.00364	-0.498225
201212_PM_at	LGMN	-0.42073593	10.2757927	-3.521117	0.000504	0.00365	-0.500129
244674_PM_at	---	0.27573151	4.18411974	3.5210956	0.000504	0.00365	-0.500199
219622_PM_at	RAB20	0.37325469	8.37865726	3.5209771	0.000504	0.00365	-0.500588
219379_PM_x_at	ZNF358	-0.2951725	5.51802141	-3.520773	0.000505	0.00365	-0.501259
221577_PM_x_at	GDF15 /// LOC100292463	0.57594243	8.22855842	3.5204643	0.000505	0.00365	-0.502275
224777_PM_s_at	PAFAH1B2	0.20957708	9.37487544	3.5202978	0.000505	0.00365	-0.502822
211564_PM_s_at	PDLIM4	0.45325926	5.01118848	3.5195717	0.000507	0.00366	-0.505209
240696_PM_at	---	-0.16628605	3.87012743	-3.51924	0.000507	0.00367	-0.5063
1556982_PM_at	---	0.16032001	3.78774969	3.5190348	0.000508	0.00367	-0.506974
200678_PM_x_at	GRN	0.24455136	9.71844622	3.5190219	0.000508	0.00367	-0.507016
229343_PM_at	GTSE1	-0.34886839	4.72423298	-3.518947	0.000508	0.00367	-0.507264
1568574_PM_x_at	SPP1	0.40924047	4.46569076	3.5188588	0.000508	0.00367	-0.507553
215986_PM_at	---	0.2524246	3.64042583	3.5188223	0.000508	0.00367	-0.507673
200618_PM_at	LASP1	0.16393428	10.4832359	3.5186746	0.000508	0.00367	-0.508158
204802_PM_at	RRAD	0.73344477	5.98324022	3.5185351	0.000509	0.00367	-0.508616
236612_PM_at	---	0.2170423	3.58536548	3.5180299	0.00051	0.00368	-0.510276
222510_PM_s_at	MKRN2	-0.43025935	5.19342438	-3.517804	0.00051	0.00368	-0.511018
207654_PM_x_at	DR1	-0.20369097	7.38117255	-3.517791	0.00051	0.00368	-0.511061

233732_PM_at	LOC401320	-0.26999267	6.06549401	-3.517544	0.00051	0.00368	-0.511872
226480_PM_at	---	0.28709353	6.73318929	3.5167489	0.000512	0.00369	-0.514485
239008_PM_at	NCRNA00182	0.17154851	3.35006541	3.5165704	0.000512	0.00369	-0.515072
212818_PM_s_at	ASB1	0.34350052	6.52970066	3.5165379	0.000512	0.00369	-0.515178
210985_PM_s_at	SP100	0.24705037	4.59379772	3.5163932	0.000513	0.00369	-0.515654
202920_PM_at	ANK2	-0.5659427	10.6890835	-3.516341	0.000513	0.00369	-0.515825
239493_PM_at	RPL7	-0.37486752	5.01242958	-3.516212	0.000513	0.00369	-0.51625
202129_PM_s_at	RIOK3	-0.58277878	6.45525036	-3.515764	0.000514	0.0037	-0.517719
234748_PM_x_at	KIF20B	-0.24762721	4.67968269	-3.51571	0.000514	0.0037	-0.517897
220698_PM_at	MGC4294	-0.2945059	4.82675826	-3.51522	0.000515	0.0037	-0.519506
237029_PM_at	HGD	-0.36362909	4.66820192	-3.514799	0.000516	0.00371	-0.52089
222381_PM_at	PDCD6	-0.16881953	3.91082776	-3.514716	0.000516	0.00371	-0.521162
209785_PM_s_at	PLA2G4C	0.45487624	7.42261529	3.5141032	0.000517	0.00372	-0.523173
220279_PM_at	TRIM17	-0.17680647	3.95708842	-3.514089	0.000517	0.00372	-0.523221
222171_PM_s_at	PKNOX2	0.18810272	3.43680383	3.5136112	0.000518	0.00372	-0.524788
214142_PM_at	ZG16	-0.20869759	4.21249089	-3.513402	0.000518	0.00372	-0.525475
1557571_PM_at	VPS13D	0.16834075	3.25798999	3.5124961	0.00052	0.00374	-0.528447
238081_PM_at	C4orf12	-0.51280886	7.60649667	-3.51248	0.00052	0.00374	-0.528501
211432_PM_s_at	TYRO3	-0.39178452	5.33458047	-3.512352	0.00052	0.00374	-0.528921
203697_PM_at	FRZB	0.50929437	8.22919256	3.5122167	0.00052	0.00374	-0.529364
232639_PM_at	C3orf25	0.20231288	4.11473952	3.5118259	0.000521	0.00374	-0.530646
230102_PM_at	ETV5	0.33682508	4.47463754	3.5115807	0.000522	0.00374	-0.531451
1555753_PM_x_at	---	-0.34452017	4.42469296	-3.511533	0.000522	0.00374	-0.531607
211994_PM_at	WNK1	-0.36312922	10.0168787	-3.511245	0.000522	0.00375	-0.532553
206088_PM_at	LRRc37A3	0.4221368	4.36629188	3.511103	0.000522	0.00375	-0.533018
208456_PM_s_at	RRAS2	-0.65904348	7.37323965	-3.510773	0.000523	0.00375	-0.534101
212355_PM_at	KHNYN	0.29494222	7.31657205	3.5106997	0.000523	0.00375	-0.53434
213074_PM_at	PHIP	0.21208719	9.58544773	3.5105764	0.000523	0.00375	-0.534745
207416_PM_s_at	NFATC3	-0.20882499	5.88331383	-3.510163	0.000524	0.00376	-0.536099
1560047_PM_s_at	---	-0.31788229	5.65456571	-3.509881	0.000525	0.00376	-0.537026
227308_PM_x_at	LTBP3	0.36880332	7.34037951	3.5094017	0.000526	0.00377	-0.538597
218074_PM_at	FAM96B	-0.18691505	10.3334447	-3.509026	0.000526	0.00377	-0.539828
212590_PM_at	RRAS2	-0.31885391	8.46500918	-3.508917	0.000527	0.00377	-0.540184
218854_PM_at	DSE	0.36134766	7.99268743	3.5087874	0.000527	0.00377	-0.540611
241926_PM_s_at	ERG	0.46845911	6.69770597	3.5087681	0.000527	0.00377	-0.540674
229296_PM_at	---	0.61782069	7.63474223	3.5086709	0.000527	0.00377	-0.540992
200752_PM_s_at	CAPN1	0.34323218	7.23840862	3.5086482	0.000527	0.00377	-0.541067
230051_PM_at	C10orf47	0.4663685	5.09956742	3.5083626	0.000528	0.00378	-0.542003
212959_PM_s_at	GNPTAB	0.26086046	8.31381859	3.5082251	0.000528	0.00378	-0.542454
204622_PM_x_at	NR4A2	0.28478868	3.76203688	3.5080675	0.000528	0.00378	-0.54297
221203_PM_s_at	YEATS2	0.28284341	7.14213156	3.507503	0.000529	0.00379	-0.54482
237625_PM_s_at	IGK@ /// IGKC	0.67784696	4.56360754	3.5074565	0.000529	0.00379	-0.544973
226531_PM_at	ORAI1	0.39410969	6.65563323	3.5070632	0.00053	0.00379	-0.546262
218949_PM_s_at	QRS1	-0.32477187	7.65371687	-3.506997	0.00053	0.00379	-0.546477
208223_PM_s_at	ACVR1B	-0.40633949	4.2201837	-3.506751	0.000531	0.00379	-0.547283
232088_PM_x_at	LOC100271722	0.3366641	4.38654478	3.5062927	0.000532	0.0038	-0.548786
231711_PM_at	---	0.22465011	3.53180014	3.5062761	0.000532	0.0038	-0.54884
221627_PM_at	TRIM10	-0.58223566	6.64349724	-3.506156	0.000532	0.0038	-0.549235
228810_PM_at	CCNYL1	-0.33491747	4.91113891	-3.505956	0.000532	0.0038	-0.54989
223087_PM_at	ECHDC1	-0.20219306	10.5870964	-3.505858	0.000532	0.0038	-0.550208
213526_PM_s_at	LIN37	0.33549635	6.93825618	3.5058231	0.000532	0.0038	-0.550324
212547_PM_at	BRD3	0.1881551	8.64052565	3.505786	0.000533	0.0038	-0.550445
236262_PM_at	MMRN2	0.43723731	6.67532385	3.5054965	0.000533	0.0038	-0.551394
203773_PM_x_at	BLVRA	0.15242946	10.070513	3.5054535	0.000533	0.0038	-0.551535
244279_PM_at	SOBP	-0.16996899	3.53162858	-3.505373	0.000533	0.0038	-0.551797
206802_PM_at	PAX5	-0.1682584	3.98362246	-3.505309	0.000533	0.0038	-0.552007
211999_PM_at	H3F3B	0.19275276	11.3876969	3.5048666	0.000534	0.00381	-0.553457
202275_PM_at	G6PD	0.23345441	4.28337772	3.504496	0.000535	0.00381	-0.55467
213940_PM_s_at	FNBP1	0.30889411	7.77044943	3.5043174	0.000535	0.00382	-0.555255
203556_PM_at	ZHX2	0.2593677	7.70331803	3.5041608	0.000536	0.00382	-0.555768
1554595_PM_at	SYMPK	0.43720964	6.30110861	3.5039489	0.000536	0.00382	-0.556462
211025_PM_x_at	COX5B	-0.17091712	11.4140533	-3.503452	0.000537	0.00383	-0.558088
239031_PM_at	SSTR2	-0.27596196	4.14344299	-3.503362	0.000537	0.00383	-0.558383
225933_PM_at	CCDC137	0.27530524	6.22205205	3.5032972	0.000537	0.00383	-0.558595
223025_PM_s_at	AP1M1	-0.39996137	5.55801475	-3.503114	0.000538	0.00383	-0.559196

211802_PM_x_at	CACNA1G	-0.18071921	4.08860591	-3.502282	0.000539	0.00384	-0.561919
221800_PM_s_at	C17orf70	0.32005863	6.49673476	3.5019489	0.00054	0.00384	-0.563008
205451_PM_at	FOXO4	-0.29007349	5.70896262	-3.50161	0.000541	0.00385	-0.564116
237534_PM_at	---	-0.20477429	3.74682005	-3.501323	0.000541	0.00385	-0.565056
1558135_PM_at	TAF11	0.27535137	4.52373895	3.5013111	0.000541	0.00385	-0.565095
225265_PM_at	RBMS1	0.35902145	7.62417908	3.5012986	0.000541	0.00385	-0.565136
239374_PM_at	TRIM65	-0.14215355	3.7725263	-3.500935	0.000542	0.00385	-0.566324
230968_PM_at	---	0.23293593	3.75209581	3.5000345	0.000544	0.00386	-0.569271
1555318_PM_at	HIF3A	0.32644903	3.5269189	3.499748	0.000544	0.00387	-0.570208
239349_PM_at	C1QTNF7	-0.44367603	4.32318826	-3.499555	0.000545	0.00387	-0.570838
227279_PM_at	TCEAL3	0.26974375	9.16780783	3.4992334	0.000545	0.00387	-0.57189
216470_PM_x_at	PRSS1 /// PRSS2 /// PRSS3	-0.29194025	4.22555391	-3.499222	0.000545	0.00387	-0.571928
231051_PM_at	---	-1.15433865	6.97215363	-3.498754	0.000546	0.00388	-0.57346
208546_PM_x_at	HIST1H2BB /// HIST1H2BC /// HIST1H2BD /// HIST1H2BE /// HI	-0.41292903	5.1127101	-3.498707	0.000546	0.00388	-0.573613
207698_PM_at	C6orf123	-0.2348871	3.88994305	-3.498677	0.000546	0.00388	-0.573708
208818_PM_s_at	COMT	0.22352936	9.40253365	3.4986213	0.000546	0.00388	-0.573892
235421_PM_at	MAP3K8	0.48247797	5.25443922	3.4982875	0.000547	0.00388	-0.574983
1555553_PM_a_at	SLC22A7	-0.73079842	5.66047924	-3.498062	0.000547	0.00388	-0.575722
223911_PM_at	LOC440330	-0.17806422	3.96942048	-3.497952	0.000548	0.00389	-0.576081
222889_PM_at	DCLRE1B	0.31425154	4.98499584	3.4978545	0.000548	0.00389	-0.576399
209081_PM_s_at	COL18A1	0.27792405	9.61644981	3.497575	0.000548	0.00389	-0.577312
207077_PM_at	CELA2B	-0.25538987	4.6113144	-3.496868	0.00055	0.0039	-0.579622
1564424_PM_at	---	0.42597403	4.7760059	3.4967572	0.00055	0.0039	-0.579985
213401_PM_s_at	---	0.22663481	4.43700449	3.4966478	0.00055	0.0039	-0.580342
221843_PM_s_at	KIAA1609	0.2987806	6.9337019	3.4964561	0.000551	0.0039	-0.580699
201426_PM_s_at	VIM	0.41807274	11.6461711	3.4963863	0.000551	0.0039	-0.581197
213436_PM_at	CNR1	0.18718211	3.27422273	3.4960098	0.000552	0.00391	-0.582427
240413_PM_at	PYHIN1	0.49384277	3.91815006	3.4958078	0.000552	0.00391	-0.583087
237457_PM_at	EIF3B	-0.19232889	3.94211046	-3.495617	0.000552	0.00391	-0.583711
212787_PM_at	YLPN1	0.28416408	7.62450079	3.4951801	0.000553	0.00392	-0.585138
206571_PM_s_at	MAP4K4	0.37644881	6.35855884	3.4951723	0.000553	0.00392	-0.585163
204900_PM_x_at	SAP30	0.34413782	6.19464325	3.4950629	0.000553	0.00392	-0.585521
224841_PM_x_at	GASS	0.27241318	10.211702	3.4949762	0.000554	0.00392	-0.585804
206516_PM_at	AMH	-0.15296561	3.53735747	-3.494666	0.000554	0.00392	-0.586816
208987_PM_s_at	KDM2A	0.33702119	5.75476468	3.4943513	0.000555	0.00392	-0.587845
238539_PM_at	HPS3	-0.24634773	4.31055505	-3.494139	0.000555	0.00393	-0.588538
209213_PM_at	CBR1	-0.35441337	9.27143116	-3.493948	0.000556	0.00393	-0.58916
1566243_PM_at	---	0.30226852	4.54786375	3.4933641	0.000557	0.00394	-0.591068
204352_PM_at	TRAF5	0.45077639	7.46617404	3.4931482	0.000557	0.00394	-0.591773
224717_PM_s_at	C19orf42	-0.24491087	9.3591459	-3.493033	0.000557	0.00394	-0.592149
221538_PM_s_at	PLXNA1	0.33921945	7.57300126	3.492935	0.000558	0.00394	-0.592469
238717_PM_at	---	0.67117376	5.17332926	3.4929341	0.000558	0.00394	-0.592472
244889_PM_at	LOC388210	-0.35182575	4.94912936	-3.492841	0.000558	0.00394	-0.592775
241832_PM_at	FAM98A	0.18676448	3.74323968	3.4924278	0.000559	0.00394	-0.594125
217472_PM_at	---	-0.15494224	3.63369661	-3.492382	0.000559	0.00394	-0.594273
224756_PM_s_at	BATS	0.17137583	8.58101094	3.4921007	0.000559	0.00395	-0.595192
231098_PM_at	---	0.36476447	4.10632622	3.4915087	0.00056	0.00396	-0.597125
217761_PM_at	ADI1	-0.36877414	11.1191259	-3.491416	0.000561	0.00396	-0.597427
208439_PM_s_at	FCN2	-0.19552316	4.32095059	-3.490856	0.000562	0.00396	-0.599254
1553174_PM_at	JPH2	-0.16737578	3.93393458	-3.490776	0.000562	0.00396	-0.599516
214231_PM_s_at	KIAA0564	-0.43467537	4.98174405	-3.490131	0.000563	0.00397	-0.601619
208997_PM_s_at	UCP2	0.48288942	4.44955508	3.4897143	0.000564	0.00398	-0.602979
234283_PM_at	---	-0.16243556	3.93132086	-3.489622	0.000564	0.00398	-0.603281
219401_PM_at	XYLT2	0.28428733	6.70167777	3.4892183	0.000565	0.00398	-0.604596
207016_PM_s_at	ALDH1A2	0.37332561	8.56239682	3.4890803	0.000565	0.00398	-0.605047
220331_PM_at	CYP46A1	-0.41870206	5.03556508	-3.489038	0.000565	0.00398	-0.605184
225572_PM_at	CREB1	0.23519797	8.13335734	3.4884467	0.000567	0.00399	-0.607113
AFFX-r2-Ec-bioB-M	---	0.39210666	8.76431219	3.4882171	0.000567	0.00399	-0.607862
232935_PM_at	---	0.63613758	4.9954667	3.4882038	0.000567	0.00399	-0.607905
238467_PM_at	---	-0.33354134	6.13352623	-3.487893	0.000568	0.004	-0.608919
224888_PM_at	EPT1	-0.21453737	7.64198641	-3.487859	0.000568	0.004	-0.609029
212126_PM_at	CBX5	0.27688213	8.50108967	3.4877853	0.000568	0.004	-0.609269
227863_PM_at	LOC402778	0.41156174	5.40400248	3.4877311	0.000568	0.004	-0.609446
224581_PM_s_at	NUCKS1	0.17025883	10.5544005	3.4875122	0.000569	0.004	-0.61016
239368_PM_at	---	-0.44015253	6.19859665	-3.487079	0.000569	0.004	-0.611573

207833_PM_s_at	HLCS	-0.1960297	4.01148939	-3.486728	0.00057	0.00401	-0.612717
238253_PM_at	WDR72	-0.47402913	5.13677008	-3.486433	0.000571	0.00401	-0.613677
230655_PM_at	---	0.3368043	5.21724961	3.4862849	0.000571	0.00401	-0.61416
241917_PM_at	---	0.35747678	4.10577687	3.4856	0.000572	0.00402	-0.616392
210930_PM_s_at	ERBB2	-0.15878754	3.61873232	-3.48532	0.000573	0.00403	-0.617304
228618_PM_at	PEAR1	0.43500534	5.97594805	3.485131	0.000573	0.00403	-0.61792
244872_PM_at	RBBP4	0.38559563	5.4171255	3.4847093	0.000574	0.00403	-0.619294
216237_PM_s_at	MCM5	0.30608854	6.79446615	3.4842477	0.000575	0.00404	-0.620797
220027_PM_s_at	RASIP1	0.36423503	6.48403208	3.4837022	0.000576	0.00405	-0.622574
226489_PM_at	TMCC3	-0.30385369	6.27487491	-3.483584	0.000577	0.00405	-0.622958
205148_PM_s_at	CLCN4	-0.30808904	4.67708002	-3.483474	0.000577	0.00405	-0.623318
AFFX-BioB-3_at	---	0.42899915	8.81004108	3.4834554	0.000577	0.00405	-0.623378
205010_PM_at	GNL3L	0.4801308	5.09072625	3.4832752	0.000577	0.00405	-0.623964
239837_PM_at	ADAM11	-0.18231801	4.2320187	-3.482727	0.000578	0.00406	-0.625751
209598_PM_at	PNMA2	0.61812773	6.01612456	3.4825835	0.000579	0.00406	-0.626217
212444_PM_at	---	0.5179873	5.88918298	3.4823385	0.000579	0.00406	-0.627014
228815_PM_s_at	REPIN1	-0.21305538	3.93066693	-3.481871	0.00058	0.00407	-0.628537
208905_PM_at	CYCS	-0.18110621	11.6345733	-3.481769	0.00058	0.00407	-0.628867
229256_PM_at	PGM2L1	0.41676939	4.96087904	3.4817213	0.00058	0.00407	-0.629023
212950_PM_at	GPR116	-0.36905956	10.2938332	-3.481685	0.000581	0.00407	-0.629142
36545_PM_s_at	SFI1	0.31505582	5.46025721	3.4809694	0.000582	0.00408	-0.631471
210085_PM_s_at	ANXA9	-0.61527469	6.37443488	-3.480755	0.000582	0.00408	-0.632168
225273_PM_at	WWC3	0.26185973	8.32346591	3.4806811	0.000583	0.00408	-0.632409
211936_PM_at	HSPA5	0.3425925	10.6157409	3.4803095	0.000583	0.00408	-0.633618
215869_PM_at	---	-0.1911558	3.83115029	-3.480226	0.000584	0.00408	-0.63389
38707_PM_r_at	E2F4	0.30657713	6.86551032	3.480171	0.000584	0.00408	-0.634069
230664_PM_at	H2BFXP	0.24327186	3.72854672	3.4798783	0.000584	0.00409	-0.635021
207129_PM_at	CASB	-0.14027916	4.20639961	-3.479852	0.000584	0.00409	-0.635158
235544_PM_x_at	FAM171A2	-0.36412528	4.73995568	-3.479643	0.000585	0.00409	-0.635788
231916_PM_at	EXOSC6	0.27390543	3.89707822	3.4796129	0.000585	0.00409	-0.635884
206778_PM_at	CRYBB2	-0.18536879	4.10526772	-3.479312	0.000585	0.00409	-0.636865
206060_PM_s_at	PTPN22	0.48810049	3.93329112	3.479131	0.000586	0.00409	-0.637452
209395_PM_at	CHI3L1	-0.91672275	6.76760239	-3.479079	0.000586	0.00409	-0.637623
226904_PM_at	LOC100286910	-0.17763638	3.79404114	-3.479047	0.000586	0.00409	-0.637726
238639_PM_x_at	LOC100288271	-0.16580705	3.6902327	-3.478851	0.000586	0.0041	-0.638364
202362_PM_at	RAP1A	0.14211378	10.4868771	3.478519	0.000587	0.0041	-0.639443
227230_PM_s_at	KIAA1211	0.28052753	3.92924411	3.4784359	0.000587	0.0041	-0.639713
242203_PM_at	---	-0.15532233	3.68162673	-3.478301	0.000588	0.0041	-0.64015
207504_PM_at	CA7	-0.17263347	3.98733303	-3.478206	0.000588	0.0041	-0.640461
212358_PM_at	CLIP3	0.29959045	5.08783782	3.477785	0.000589	0.00411	-0.64183
234943_PM_at	CSNK1E /// LOC400927	-0.15222447	4.08633695	-3.477491	0.000589	0.00411	-0.642786
239613_PM_at	---	-0.26438039	4.58762304	-3.477432	0.000589	0.00411	-0.642977
213705_PM_at	---	0.46774096	6.22171477	3.4773315	0.00059	0.00411	-0.643304
203988_PM_s_at	FUT8	0.28836558	7.58091486	3.4772541	0.00059	0.00411	-0.643556
235958_PM_at	PLA2G4F	-0.35710774	5.38307299	-3.476936	0.00059	0.00412	-0.64459
221611_PM_s_at	PHF7	-0.25584227	5.11853475	-3.476786	0.000591	0.00412	-0.645079
221894_PM_at	ADCK2	-0.22265224	4.60724293	-3.47668	0.000591	0.00412	-0.645423
33322_PM_i_at	SFN	0.4706363	6.50513754	3.4765119	0.000591	0.00412	-0.645969
231964_PM_at	---	0.47891774	5.33690305	3.4765012	0.000591	0.00412	-0.646003
218188_PM_s_at	TIMM13	-0.22098568	9.42756108	-3.476298	0.000592	0.00412	-0.646665
203027_PM_s_at	MVD	-0.26185202	4.22587363	-3.476185	0.000592	0.00412	-0.64703
232792_PM_at	TRIM69	0.15502084	3.98262154	3.4760515	0.000592	0.00412	-0.647465
218194_PM_at	REXO2	-0.16901589	10.6688483	-3.475769	0.000593	0.00413	-0.648382
202853_PM_s_at	RYK	0.17885185	8.91492448	3.4756882	0.000593	0.00413	-0.648646
232357_PM_at	TTL9	0.19595653	4.27406591	3.475603	0.000593	0.00413	-0.648923
1552670_PM_a_at	PPP1R3B	-0.25591497	4.15677561	-3.475365	0.000594	0.00413	-0.649695
232518_PM_at	PRIC285	-0.20674014	3.95086133	-3.475263	0.000594	0.00413	-0.650026
233921_PM_s_at	---	0.21066024	3.6124209	3.4752505	0.000594	0.00413	-0.650068
201319_PM_at	MYL12A	0.24837956	10.6005315	3.474955	0.000595	0.00414	-0.651028
1563252_PM_at	ERBB3	-0.18181567	3.76960712	-3.474911	0.000595	0.00414	-0.651172
213773_PM_x_at	NSUN5	0.23367929	8.31406218	3.4742624	0.000596	0.00414	-0.653278
220086_PM_at	IKZF5	-0.20052562	4.86478134	-3.474238	0.000596	0.00414	-0.653358
218724_PM_s_at	TGIF2	0.34328692	5.08860936	3.4741312	0.000596	0.00414	-0.653705
216250_PM_s_at	LPXN	0.48007476	7.7127309	3.473843	0.000597	0.00415	-0.654641
209313_PM_at	GPN1	0.12544555	9.01838919	3.473688	0.000597	0.00415	-0.655144

222696_PM_at	AXIN2	0.37583876	4.39517437	3.4734594	0.000598	0.00415	-0.655887
230269_PM_at	---	0.18128931	3.58900302	3.4724116	0.0006	0.00417	-0.65929
204048_PM_s_at	PHACTR2	0.30080251	8.68576556	3.4723879	0.0006	0.00417	-0.659367
243410_PM_at	---	0.31252991	4.10219435	3.4718367	0.000601	0.00417	-0.661156
220962_PM_s_at	PAD11	-0.2731375	5.02672467	-3.471416	0.000602	0.00418	-0.662522
210484_PM_s_at	MGC31957 /// TNFRSF10C	-0.32534917	4.82217989	-3.471326	0.000602	0.00418	-0.662814
212688_PM_at	PIK3CB	-0.21322713	9.08843723	-3.47123	0.000603	0.00418	-0.663126
215147_PM_at	---	0.36279311	4.39454502	3.4711434	0.000603	0.00418	-0.663407
1553106_PM_at	C5orf24	-0.66522842	6.70058957	-3.470865	0.000603	0.00418	-0.664311
243539_PM_at	KIAA1841	0.48523528	5.07376793	3.470737	0.000604	0.00419	-0.664726
AFFX-r2-Bs-thr-M_s	---	0.95329305	6.72244232	3.4705232	0.000604	0.00419	-0.66542
222530_PM_s_at	MKKS	-0.19191629	8.80189153	-3.470071	0.000605	0.00419	-0.666888
226688_PM_at	C3orf23	-0.28917367	8.05085748	-3.469901	0.000605	0.0042	-0.667438
209641_PM_s_at	ABCC3	0.67995395	6.39786684	3.4694721	0.000606	0.0042	-0.668831
212445_PM_s_at	NEDD4L	-0.38368527	8.20156948	-3.469466	0.000606	0.0042	-0.66885
216729_PM_at	LOC100133321	-0.23039599	4.06386962	-3.469333	0.000607	0.0042	-0.669282
201944_PM_at	HEXB	0.19801842	10.5510427	3.4689289	0.000608	0.00421	-0.670593
205125_PM_at	PLCD1	0.26824414	7.04791078	3.4688709	0.000608	0.00421	-0.670781
231276_PM_at	---	-0.25538558	4.69627779	-3.468857	0.000608	0.00421	-0.670828
208724_PM_s_at	RAB1A	-0.18044374	11.698744	-3.468483	0.000609	0.00421	-0.672039
235005_PM_at	DIS3L	-0.26113664	7.70170028	-3.468481	0.000609	0.00421	-0.672046
206361_PM_at	GPR44	-0.18150143	4.22334141	-3.468434	0.000609	0.00421	-0.6722
218863_PM_s_at	TNS1	-0.17738883	3.88261453	-3.468298	0.000609	0.00421	-0.672639
215258_PM_at	CADM4	-0.2113785	4.40816297	-3.46742	0.000611	0.00422	-0.675486
228850_PM_s_at	---	-0.51247192	7.96165596	-3.467348	0.000611	0.00422	-0.675719
207784_PM_at	ARSD	-0.16558089	4.05360605	-3.467216	0.000611	0.00422	-0.676147
AFFX-BioB-5_at	---	0.41837536	8.3461161	3.4671692	0.000611	0.00422	-0.6763
224247_PM_s_at	MRPS10	-0.40731367	8.58520546	-3.467085	0.000612	0.00422	-0.676575
223180_PM_s_at	C18orf55	-0.15251507	9.95144692	-3.467058	0.000612	0.00422	-0.676662
228649_PM_at	NOTUM	-0.24544215	4.84141322	-3.467055	0.000612	0.00422	-0.676672
233896_PM_s_at	PAPLN	-0.16481003	3.83632756	-3.467017	0.000612	0.00422	-0.676794
213869_PM_x_at	THY1	-0.50148014	9.78647488	-3.466633	0.000613	0.00423	-0.678039
201584_PM_s_at	DDX39	0.21963008	8.65489671	3.4666156	0.000613	0.00423	-0.678095
201898_PM_s_at	UBE2A	-0.31568076	8.30064302	-3.465766	0.000614	0.00424	-0.680848
225546_PM_at	EEF2K	0.41907842	6.51585363	3.4656907	0.000615	0.00424	-0.681094
225257_PM_at	CCDC97	0.25225456	6.63854474	3.4654415	0.000615	0.00424	-0.681901
220451_PM_s_at	BIRC7	-0.20284005	4.61459947	-3.465281	0.000616	0.00425	-0.682422
205816_PM_at	ITGB8	0.25467457	3.74202371	3.4647809	0.000617	0.00425	-0.684042
57715_PM_at	CALHM2	0.44058158	5.69222577	3.4645778	0.000617	0.00425	-0.6847
AFFX-M27830_M_a	---	0.43246792	8.30318553	3.4645501	0.000617	0.00425	-0.68479
218315_PM_s_at	CDK5RAP1	-0.1524193	7.71067149	-3.464538	0.000617	0.00425	-0.684828
240919_PM_at	---	-0.33690006	4.84651401	-3.4636	0.000619	0.00427	-0.687869
1558710_PM_at	---	0.33516167	3.79627049	3.4631874	0.00062	0.00427	-0.689205
229574_PM_at	TRA2A	0.50287307	8.4024658	3.4630158	0.00062	0.00428	-0.689761
228724_PM_at	TTL7	0.34486551	4.27815855	3.4627956	0.000621	0.00428	-0.690474
1562434_PM_at	UNK	0.22935242	3.9755907	3.4620959	0.000623	0.00429	-0.69274
225451_PM_at	GRIPAP1	0.28911109	6.82263962	3.4620213	0.000623	0.00429	-0.692982
218744_PM_s_at	PACSLIN3	-0.3352392	4.94734836	-3.461895	0.000623	0.00429	-0.693391
229091_PM_s_at	CCNJ	0.27975466	5.15577072	3.4618268	0.000623	0.00429	-0.693612
236144_PM_at	CPXM2	-0.41969668	4.75694153	-3.461718	0.000623	0.00429	-0.693963
1554770_PM_x_at	ZNF785	0.4002884	5.3364655	3.4612357	0.000624	0.0043	-0.695525
226534_PM_at	KITLG	0.29452382	10.0319282	3.4611467	0.000625	0.0043	-0.695814
1568513_PM_x_at	---	-0.37138526	6.42930735	-3.460997	0.000625	0.0043	-0.696298
1555486_PM_a_at	PRR5L	0.2354038	4.95515546	3.460712	0.000626	0.0043	-0.697221
243908_PM_at	---	0.2740166	3.87771027	3.4605637	0.000626	0.0043	-0.697701
210102_PM_at	VWASA	0.250401	6.75438727	3.4604739	0.000626	0.0043	-0.697992
217696_PM_at	FUT7	-0.27989652	5.08195135	-3.460048	0.000627	0.00431	-0.699369
1555181_PM_a_at	ST3GAL3	-0.3370313	5.80982309	-3.459738	0.000628	0.00431	-0.700374
200039_PM_s_at	PSMB2	0.15243027	10.2261449	3.4596511	0.000628	0.00431	-0.700655
212784_PM_at	CIC	0.27769101	7.16147874	3.4595595	0.000628	0.00432	-0.700951
200795_PM_s_at	KLRD1	0.59076899	4.19215146	3.4593308	0.000629	0.00432	-0.701691
240165_PM_at	---	0.37998275	5.07669201	3.4590987	0.000629	0.00432	-0.702442
238617_PM_at	---	0.52777272	5.03091034	3.4589309	0.00063	0.00432	-0.702985
204974_PM_at	RAB3A	-0.26335726	5.24859675	-3.458813	0.00063	0.00432	-0.703367
213374_PM_x_at	HIBCH	-0.36921536	10.4067931	-3.45879	0.00063	0.00432	-0.703442

200757_PM_s_at	CALU	0.30784637	8.74125716	3.4587661	0.00063	0.00432	-0.703518
216256_PM_at	GRM8	-0.15160899	4.24279737	-3.458756	0.00063	0.00432	-0.703551
218083_PM_at	PTGES2	-0.27551982	6.78187833	-3.45856	0.00063	0.00432	-0.704186
229596_PM_at	AMDHD1	-0.70682521	7.61916961	-3.458229	0.000631	0.00433	-0.705257
234182_PM_at	---	0.14852307	3.76314664	3.4581608	0.000631	0.00433	-0.705476
205507_PM_at	ARHGEF15	0.264232	4.61196925	3.4580857	0.000631	0.00433	-0.705719
238964_PM_at	FIGN	0.34841008	7.02237407	3.4580442	0.000632	0.00433	-0.705854
204029_PM_at	CELSR2	0.50778735	6.41771086	3.4579769	0.000632	0.00433	-0.706071
1555575_PM_a_at	KDELR1	0.19505352	10.1332679	3.4579585	0.000632	0.00433	-0.706131
221970_PM_s_at	NOL11	-0.13614477	9.26902959	-3.457171	0.000634	0.00434	-0.708677
221530_PM_s_at	BHLHE41	0.59046456	6.2571877	3.4570921	0.000634	0.00434	-0.708933
226348_PM_at	---	0.30752519	8.06408625	3.4567405	0.000634	0.00434	-0.71007
205346_PM_at	ST3GAL2	-0.16339178	4.16699387	-3.456648	0.000635	0.00435	-0.710369
236907_PM_at	---	0.50560437	5.39915392	3.4565874	0.000635	0.00435	-0.710565
202272_PM_s_at	FBXO28	-0.34255655	7.18003165	-3.455871	0.000636	0.00436	-0.712881
220748_PM_s_at	ZNF580	0.38843699	7.04423515	3.4558277	0.000637	0.00436	-0.713022
217983_PM_s_at	RNASET2	0.42492109	9.33301385	3.4553993	0.000638	0.00436	-0.714406
230565_PM_at	ATPGV1G3	-0.69224599	8.91923953	-3.455173	0.000638	0.00436	-0.715139
219321_PM_at	MPP5	-0.42705237	6.26908674	-3.454943	0.000639	0.00437	-0.715883
203659_PM_s_at	TRIM13	-0.20825561	8.12222961	-3.454493	0.00064	0.00437	-0.717336
214040_PM_s_at	GSN	-0.77796351	5.89068516	-3.454431	0.00064	0.00437	-0.717535
235478_PM_at	DCLRE1C	0.3012412	4.72411814	3.4543664	0.00064	0.00437	-0.717745
232249_PM_at	FMNL3	0.2192869	3.98446523	3.4542481	0.00064	0.00437	-0.718127
209518_PM_at	SMARCD1	0.26675623	8.01032904	3.4541964	0.00064	0.00437	-0.718294
235643_PM_at	SAMD9L	0.58799768	6.09690421	3.4539834	0.000641	0.00438	-0.718982
243735_PM_at	---	-0.29746192	3.86585508	-3.453845	0.000641	0.00438	-0.71943
243578_PM_at	---	0.23023557	3.75559746	3.4535678	0.000642	0.00438	-0.720326
1554430_PM_at	FAM165B	-0.31882946	6.17396184	-3.453506	0.000642	0.00438	-0.720524
226578_PM_s_at	---	-0.24878509	4.59187073	-3.453294	0.000642	0.00438	-0.721211
1556958_PM_at	---	-0.19888799	3.88596238	-3.453096	0.000643	0.00439	-0.72185
219732_PM_at	LPPR1	-0.72198622	8.58930526	-3.452702	0.000644	0.00439	-0.723123
202874_PM_s_at	ATPGV1C1	-0.47366377	8.82344086	-3.452678	0.000644	0.00439	-0.7232
1564972_PM_x_at	SETDB2	0.27433003	3.81148617	3.4525373	0.000644	0.00439	-0.723655
239231_PM_at	---	0.38925473	7.02398785	3.4522574	0.000645	0.0044	-0.724559
219016_PM_at	FASTKD5	-0.28843944	7.61481636	-3.451263	0.000647	0.00441	-0.727771
228758_PM_at	BCL6	0.59959602	5.93652377	3.4507529	0.000648	0.00442	-0.729417
207519_PM_at	SLC6A4	-0.14964838	4.01386158	-3.450528	0.000649	0.00442	-0.730144
205236_PM_x_at	SOD3	0.52161	6.70293517	3.4502651	0.000649	0.00442	-0.730992
215212_PM_at	---	0.33168565	4.75005959	3.4502401	0.000649	0.00442	-0.731072
209716_PM_at	CSF1	0.27313723	7.13637581	3.4501561	0.000649	0.00442	-0.731344
211759_PM_x_at	TBCB	0.16023789	9.55311701	3.4496129	0.000651	0.00443	-0.733097
1556658_PM_a_at	---	0.60987011	5.91513172	3.4495632	0.000651	0.00443	-0.733258
203118_PM_at	PCSK7	0.25812707	5.94683479	3.4486313	0.000653	0.00445	-0.736265
212724_PM_at	RND3	0.42437892	8.20626004	3.4485294	0.000653	0.00445	-0.736594
200604_PM_s_at	PRKAR1A	-0.36194595	8.57687292	-3.448102	0.000654	0.00445	-0.737971
225193_PM_at	---	-0.32419494	5.68253906	-3.447966	0.000655	0.00445	-0.73841
215057_PM_at	LOC100272228	0.37047148	4.87543753	3.4476155	0.000655	0.00446	-0.739542
212918_PM_at	RECQL	0.28239682	8.55652225	3.4474748	0.000656	0.00446	-0.739996
216238_PM_s_at	FGB	1.2184851	5.10382536	3.4474578	0.000656	0.00446	-0.740051
236291_PM_at	RDH5	0.38946808	5.45581701	3.4474048	0.000656	0.00446	-0.740222
236825_PM_at	---	-0.16065651	3.76909868	-3.446508	0.000658	0.00447	-0.743114
204288_PM_s_at	SORBS2	0.2946299	8.25096847	3.4464976	0.000658	0.00447	-0.743148
1568594_PM_s_at	TRIM52	0.2910458	6.58359916	3.4463735	0.000658	0.00447	-0.743548
208923_PM_at	CYFIP1	0.17039531	10.011635	3.4463591	0.000658	0.00447	-0.743594
203535_PM_at	S100A9	0.68984594	6.40225148	3.4462192	0.000659	0.00447	-0.744046
241618_PM_at	---	-0.4058021	6.03164929	-3.44608	0.000659	0.00448	-0.744493
206200_PM_s_at	ANXA11	0.19659754	10.8667668	3.4458488	0.000659	0.00448	-0.74524
213878_PM_at	PYROXD1	-0.22929688	9.0409309	-3.445025	0.000661	0.00449	-0.747897
200769_PM_s_at	MAT2A	-0.81521848	6.0467048	-3.444995	0.000661	0.00449	-0.747993
1570402_PM_at	KLC3	-0.15756368	4.06038855	-3.444878	0.000662	0.00449	-0.748371
205917_PM_at	ZNF264	0.53464152	4.95516774	3.4445962	0.000662	0.00449	-0.749278
240777_PM_at	SYNE2	0.25084632	3.7172372	3.4445915	0.000662	0.00449	-0.749293
203899_PM_s_at	CRCP	-0.36301239	5.69600476	-3.444574	0.000662	0.00449	-0.749349
1558703_PM_at	SLC46A1	-0.30994167	6.89216905	-3.443678	0.000665	0.00451	-0.752239
206458_PM_s_at	WNT2B	0.16995833	3.63020681	3.4435805	0.000665	0.00451	-0.752552

203028_PM_s_at	CYBA	0.35612331	10.5231113	3.4430959	0.000666	0.00452	-0.754113
200920_PM_s_at	BTG1	0.32602578	9.73782463	3.4425773	0.000667	0.00452	-0.755784
224535_PM_s_at	MRP63	-0.22920167	8.97479519	-3.442336	0.000668	0.00453	-0.75656
202252_PM_at	RAB13	0.19510044	10.7562113	3.4421993	0.000668	0.00453	-0.757002
223178_PM_s_at	NT5DC1	-0.29017768	8.72250001	-3.442147	0.000668	0.00453	-0.757171
1563222_PM_at	---	-0.14592517	3.74944637	-3.442055	0.000668	0.00453	-0.757467
202743_PM_at	PIK3R3	0.24115968	8.26066547	3.4418807	0.000669	0.00453	-0.758028
231360_PM_at	C20orf141	-0.20988862	4.24540644	-3.441073	0.000671	0.00454	-0.760629
226465_PM_s_at	SON	0.23751522	10.3564495	3.4409193	0.000671	0.00454	-0.761124
202391_PM_at	BASP1	0.5991488	8.23137808	3.4406602	0.000672	0.00455	-0.761959
1569061_PM_at	IQGAP3	-0.18142943	3.48489675	-3.440578	0.000672	0.00455	-0.762222
1554480_PM_a_at	ARMC10	0.1968842	8.81630312	3.4403334	0.000672	0.00455	-0.763011
202351_PM_at	ITGAV	0.25195062	10.4921744	3.4402933	0.000673	0.00455	-0.76314
243749_PM_s_at	---	-0.29544527	4.53014402	-3.440288	0.000673	0.00455	-0.763156
211871_PM_x_at	GNB5	-0.63593455	6.25265399	-3.440269	0.000673	0.00455	-0.763217
239252_PM_at	COX7B	-0.37137399	8.0597347	-3.439893	0.000674	0.00455	-0.764429
220427_PM_at	OBSCN	-0.14347787	3.81016426	-3.43942	0.000675	0.00456	-0.765951
216008_PM_s_at	ARIH2	-0.28648533	5.04312699	-3.43934	0.000675	0.00456	-0.766207
212397_PM_at	RDX	-0.29961186	10.0790368	-3.439066	0.000676	0.00457	-0.767092
208695_PM_s_at	RPL39	0.12135117	12.7695048	3.4388559	0.000676	0.00457	-0.767767
222470_PM_s_at	UQC	-0.31413398	5.35309131	-3.438388	0.000677	0.00457	-0.769274
218274_PM_s_at	ANKZF1	0.28367866	7.15512762	3.4381995	0.000678	0.00458	-0.769879
220484_PM_at	MCOLN3	-0.41876592	5.10145314	-3.438143	0.000678	0.00458	-0.77006
218032_PM_at	SNN	0.25745656	8.33455879	3.4378521	0.000678	0.00458	-0.770997
215836_PM_s_at	PCDHGA1 /// PCDHGA10 /// PCDHGA11 /// PCDHGA12 /// PCD	0.36869038	7.49198899	3.4377786	0.000679	0.00458	-0.771233
237311_PM_at	---	-0.1766277	4.14796841	-3.437503	0.000679	0.00458	-0.772121
231808_PM_at	LOC729082	-0.25489917	6.21648994	-3.436978	0.000681	0.00459	-0.77381
231044_PM_at	C1orf194	0.28340251	3.58809588	3.4369735	0.000681	0.00459	-0.773824
219498_PM_s_at	BCL11A	0.38139783	4.23975214	3.4369093	0.000681	0.00459	-0.77403
224838_PM_at	FOXP1	0.27095926	9.29887919	3.4368616	0.000681	0.00459	-0.774184
204243_PM_at	RLF	0.23941323	6.92794691	3.4367701	0.000681	0.00459	-0.774478
242551_PM_at	---	0.43013147	5.26421743	3.43673	0.000681	0.00459	-0.774607
229448_PM_at	LASS1	-0.15964491	3.76365188	-3.436689	0.000681	0.00459	-0.77474
221191_PM_at	STAG3L1	0.47717464	5.16167767	3.4359761	0.000683	0.0046	-0.777032
208107_PM_s_at	LOC81691	0.15918078	3.58957651	3.4358936	0.000683	0.0046	-0.777297
206245_PM_s_at	IVNS1ABP	0.38839163	9.09719644	3.4357227	0.000684	0.00461	-0.777847
202149_PM_at	NEDD9	0.26195377	9.67179566	3.435325	0.000685	0.00461	-0.779125
229106_PM_at	DYNLL2	-0.32622192	7.07081793	-3.435269	0.000685	0.00461	-0.779304
232276_PM_at	HS6ST3	-0.23924016	4.25116281	-3.435046	0.000685	0.00461	-0.780021
206709_PM_x_at	GPT	-0.41632196	5.83047162	-3.434476	0.000687	0.00462	-0.781856
224563_PM_at	WASF2	0.58628532	7.36690609	3.4343253	0.000687	0.00462	-0.78234
210808_PM_s_at	NOX1	-0.27563423	4.96470881	-3.4343	0.000687	0.00462	-0.782421
1563802_PM_at	LOC284551	-0.17708689	4.18381682	-3.434253	0.000687	0.00462	-0.782571
1553272_PM_at	SLC36A1	-0.19345345	4.03036914	-3.434247	0.000687	0.00462	-0.78259
207057_PM_at	SLC16A7	-0.54977286	7.95528366	-3.434209	0.000687	0.00462	-0.782712
212757_PM_s_at	CAMK2G	-0.24161904	8.41005412	-3.434	0.000688	0.00462	-0.783384
226019_PM_at	OMA1	-0.21497704	8.86677184	-3.433907	0.000688	0.00462	-0.783686
217546_PM_at	MT1M	0.70058466	7.54212651	3.4339004	0.000688	0.00462	-0.783705
222341_PM_x_at	---	0.26102668	6.03647771	3.4338247	0.000688	0.00462	-0.783948
234078_PM_at	---	0.15828462	3.49778289	3.4337904	0.000688	0.00462	-0.784059
206120_PM_at	CD33	0.4322324	4.54078494	3.4336692	0.000689	0.00463	-0.784448
202771_PM_at	FAM38A	0.35600526	7.75734604	3.4324641	0.000691	0.00464	-0.788321
239711_PM_at	ADAL	-0.37506198	5.3277795	-3.432433	0.000692	0.00464	-0.788421
214269_PM_at	MFSO7	-0.36742138	5.83946831	-3.432393	0.000692	0.00464	-0.788551
213762_PM_x_at	RBMX	0.1593799	9.4794966	3.431628	0.000694	0.00466	-0.791007
221011_PM_s_at	LBH	0.24366518	8.9806081	3.4314719	0.000694	0.00466	-0.791508
1556060_PM_a_at	ZNF451	0.28917135	8.0395238	3.4311381	0.000695	0.00466	-0.792528
205945_PM_at	ILGR	0.46770068	6.13124683	3.4310884	0.000695	0.00466	-0.79274
228369_PM_at	CNPY3	0.31414776	5.25463879	3.4307203	0.000696	0.00467	-0.793922
227280_PM_s_at	CCNYL1	-0.22787148	7.93348202	-3.430283	0.000697	0.00467	-0.795327
1554462_PM_a_at	DNAUB9	-0.50368597	8.2307222	-3.430113	0.000697	0.00468	-0.795872
216835_PM_s_at	DOK1	-0.28104144	5.14344318	-3.430051	0.000697	0.00468	-0.79607
219340_PM_s_at	CLN8	-0.29608844	6.31255313	-3.429588	0.000699	0.00468	-0.797559
224182_PM_x_at	SEMA6B	-0.24763755	4.75920268	-3.429437	0.000699	0.00468	-0.798041
210612_PM_s_at	SYNJ2	0.44719621	5.46588683	3.4293511	0.000699	0.00469	-0.798319

229981_PM_at	SNX5	-0.33522206	4.50396665	-3.428863	0.0007	0.00469	-0.799885
228608_PM_at	NALCN	0.25060196	3.75001522	3.428862	0.0007	0.00469	-0.799889
227791_PM_at	SLC9A9	0.40771469	6.09982253	3.4286022	0.000701	0.0047	-0.800722
202014_PM_at	PPP1R15A	0.28015284	5.08717778	3.4284955	0.000701	0.0047	-0.801065
213421_PM_x_at	PRSS3	-0.46196057	5.89013896	-3.428174	0.000702	0.0047	-0.802096
235325_PM_at	SPG7	-0.15824146	3.71016797	-3.427835	0.000703	0.00471	-0.803186
227286_PM_at	INO80E	0.34192606	6.6211334	3.4277473	0.000703	0.00471	-0.803466
225503_PM_at	DHRX	-0.28351798	7.78748919	-3.427637	0.000703	0.00471	-0.803821
1553239_PM_at	FAM124A	-0.18097556	4.03261039	-3.427624	0.000703	0.00471	-0.803863
215815_PM_at	BUD31	-0.20495035	3.89368933	-3.427036	0.000705	0.00471	-0.805749
217606_PM_at	---	-0.28110958	5.33053602	-3.427005	0.000705	0.00471	-0.805849
204221_PM_x_at	GLIPR1	0.5908365	6.43911453	3.4266528	0.000706	0.00472	-0.806978
229906_PM_at	ARMC7	0.36608826	5.29451193	3.4263057	0.000707	0.00472	-0.808091
243931_PM_at	---	0.32459595	7.27937404	3.4260906	0.000707	0.00473	-0.808781
236389_PM_x_at	---	-0.46327804	5.59191673	-3.425695	0.000708	0.00473	-0.810051
219357_PM_at	GTPBP1	0.23413252	7.97587437	3.4254915	0.000709	0.00474	-0.810702
212235_PM_at	PLXND1	0.40798811	6.89239968	3.4253729	0.000709	0.00474	-0.811083
202116_PM_at	DPF2	0.17547255	8.45740341	3.4253434	0.000709	0.00474	-0.811177
236035_PM_at	---	0.28426806	4.36259262	3.4253359	0.000709	0.00474	-0.811201
205530_PM_at	ETFDH	-0.42052533	7.57074376	-3.42511	0.00071	0.00474	-0.811924
219981_PM_x_at	ZNF587	0.36190998	7.36935767	3.4248492	0.00071	0.00474	-0.812762
229047_PM_at	PLEKH81	-0.24446044	3.94693829	-3.42473	0.000711	0.00474	-0.813144
203470_PM_s_at	PLEK	0.66070419	5.33001735	3.4246996	0.000711	0.00474	-0.813242
227451_PM_s_at	CCDC90A	-0.47624182	8.10264593	-3.424405	0.000711	0.00475	-0.814185
233805_PM_at	---	0.30562634	3.56044621	3.4243286	0.000712	0.00475	-0.814431
219885_PM_at	SLFN12	0.31971927	4.76266863	3.424087	0.000712	0.00475	-0.815206
1555847_PM_a_at	LOC284454	0.4710914	7.23303106	3.423811	0.000713	0.00475	-0.816091
205117_PM_at	FGF1	-0.71057715	8.4580469	-3.423788	0.000713	0.00475	-0.816163
1556728_PM_at	---	0.25556876	3.81798683	3.4235682	0.000714	0.00476	-0.816869
222398_PM_s_at	EFTUD2	0.17080584	8.7929152	3.4232602	0.000714	0.00476	-0.817856
242468_PM_at	---	0.20982195	3.41567806	3.4225071	0.000716	0.00477	-0.820269
91617_PM_at	DGCR8	0.26237759	6.46022429	3.4223327	0.000717	0.00477	-0.820828
231827_PM_at	---	-0.18192373	4.73439263	-3.421938	0.000718	0.00478	-0.822092
226773_PM_at	---	-0.27547795	9.46446768	-3.421855	0.000718	0.00478	-0.822358
206440_PM_at	LIN7A	-0.36098116	5.43807217	-3.42179	0.000718	0.00478	-0.822568
229845_PM_at	MAPKAP1	-0.50286462	6.84625712	-3.421644	0.000718	0.00478	-0.823036
226885_PM_at	---	0.35845359	6.40819534	3.4210819	0.00072	0.00479	-0.824835
232338_PM_at	---	0.28727227	4.20682079	3.4208892	0.00072	0.00479	-0.825453
211864_PM_s_at	MYOF	0.63147455	7.11622503	3.4206318	0.000721	0.0048	-0.826277
1562059_PM_at	---	0.26266018	4.45341134	3.4202934	0.000722	0.0048	-0.827361
216289_PM_at	GPR144	-0.27001658	4.79869394	-3.420191	0.000722	0.0048	-0.82769
215246_PM_at	LARP7	0.18617505	3.99913473	3.419618	0.000724	0.00481	-0.829524
203390_PM_s_at	KIF3C	0.22408248	4.76915366	3.4195843	0.000724	0.00481	-0.829632
211692_PM_s_at	BBC3	-0.36252793	5.59286331	-3.419564	0.000724	0.00481	-0.829697
203547_PM_at	CD4	0.2723424	5.23988954	3.4195247	0.000724	0.00481	-0.829822
219616_PM_at	ACSS3	-0.45406012	6.89062891	-3.419483	0.000724	0.00481	-0.829955
1552388_PM_at	FLJ30901	-0.24515409	4.27882719	-3.419132	0.000725	0.00482	-0.83108
209624_PM_s_at	MCCC2	-0.30498144	5.22657131	-3.41859	0.000726	0.00482	-0.832815
207266_PM_x_at	RBMS1	0.24513167	9.23144462	3.4183909	0.000727	0.00483	-0.833452
242619_PM_x_at	---	-0.19118742	4.19447196	-3.418	0.000728	0.00483	-0.834703
37152_PM_at	PPARD	0.28165308	7.74331675	3.4179897	0.000728	0.00483	-0.834736
212845_PM_at	SAMD4A	0.3387924	8.21533228	3.4176762	0.000728	0.00484	-0.83574
205095_PM_s_at	ATP6V0A1	-0.21112398	4.36240762	-3.417544	0.000729	0.00484	-0.836163
201343_PM_at	UBE2D2	0.15733034	9.25474871	3.4173997	0.000729	0.00484	-0.836624
231684_PM_at	ANGPTL3	-0.42680141	4.14635881	-3.416702	0.000731	0.00485	-0.838857
207631_PM_at	NBR2	-0.14799976	4.32919556	-3.416094	0.000733	0.00486	-0.840802
1552787_PM_at	HELB	0.19961981	3.48179199	3.4156387	0.000734	0.00487	-0.842258
223185_PM_s_at	BHLHE41	0.51404211	4.96135846	3.4155481	0.000734	0.00487	-0.842548
231292_PM_at	EID3	0.19721318	4.13013479	3.4155065	0.000734	0.00487	-0.842681
208442_PM_s_at	ATM	0.32952182	4.33523622	3.415227	0.000735	0.00487	-0.843575
243598_PM_at	---	0.22312302	3.90233559	3.4144737	0.000737	0.00488	-0.845984
213101_PM_s_at	ACTR3	0.21750461	10.9684607	3.414229	0.000737	0.00489	-0.846767
238412_PM_at	RRN3P3	0.41688704	6.42745983	3.4139207	0.000738	0.00489	-0.847752
222655_PM_s_at	IMPAD1	-0.19020603	3.84951834	-3.41354	0.000739	0.0049	-0.848969
201669_PM_s_at	MARCKS	0.4296848	9.57356453	3.4133898	0.00074	0.0049	-0.849449

219579_PM_at	RAB31L1	-0.23496252	4.95259796	-3.413194	0.00074	0.0049	-0.850076
222351_PM_at	PPP2R1B	0.36637975	6.70964204	3.4127217	0.000741	0.00491	-0.851585
226492_PM_at	SEMA6D	-0.57226908	8.4212294	-3.412712	0.000741	0.00491	-0.851614
201966_PM_at	NDUFS2	-0.22395413	10.5822848	-3.412468	0.000742	0.00491	-0.852395
209947_PM_at	UBAP2L	0.27458611	6.28795944	3.4124418	0.000742	0.00491	-0.85248
229846_PM_s_at	MAPKAP1	-0.53116581	6.33550267	-3.412364	0.000742	0.00491	-0.852727
240838_PM_s_at	LOC435837	-0.8286466	6.79532112	-3.412309	0.000742	0.00491	-0.852903
1553817_PM_at	LOC100294050 /// POM121L10P /// POM121L1P /// POM121L	-0.19815766	3.97675077	-3.412094	0.000743	0.00491	-0.85359
204206_PM_at	MNT	0.29356298	7.73555136	3.4120362	0.000743	0.00491	-0.853776
244608_PM_at	---	-0.20981581	3.69167118	-3.41194	0.000743	0.00491	-0.854082
237766_PM_at	ATP9B	-0.17129492	4.01857011	-3.411862	0.000744	0.00492	-0.854332
202823_PM_at	TCEB1	-0.22060937	8.67021898	-3.411645	0.000744	0.00492	-0.855026
239006_PM_at	SLC26A7	-0.72247643	8.2601772	-3.411536	0.000744	0.00492	-0.855373
216762_PM_at	KANK1	-0.33042809	5.55211727	-3.411535	0.000744	0.00492	-0.855377
206487_PM_at	SUN1	0.50624791	5.39498064	3.4114037	0.000745	0.00492	-0.855796
202504_PM_at	TRIM29	0.38802073	3.97530334	3.4112208	0.000745	0.00492	-0.856381
228195_PM_at	C2orf88	-0.42209673	5.37388649	-3.411115	0.000746	0.00492	-0.85672
1569886_PM_a_at	GLB1L3	-0.20196171	3.51995618	-3.411026	0.000746	0.00492	-0.857004
205352_PM_at	SERPIN1	-0.47120307	8.63637381	-3.411024	0.000746	0.00492	-0.857009
1552321_PM_a_at	CCDC65	0.21785895	4.03377371	3.4108209	0.000746	0.00493	-0.857658
224761_PM_at	GNA13	0.18908621	9.85837631	3.4107329	0.000747	0.00493	-0.85794
236379_PM_at	TAB1	-0.27971862	4.5076917	-3.410516	0.000747	0.00493	-0.858633
209957_PM_s_at	NPPA	-0.18993425	4.53567483	-3.409457	0.00075	0.00495	-0.862014
232296_PM_s_at	GFM1	-0.53688762	5.85799052	-3.408828	0.000752	0.00496	-0.864022
203813_PM_s_at	SLIT3	0.4653212	7.38329674	3.4086909	0.000752	0.00496	-0.86446
1560926_PM_at	---	0.50211398	5.25170336	3.4085863	0.000752	0.00496	-0.864794
218463_PM_s_at	MUS81	0.19371715	7.91319229	3.4084133	0.000753	0.00496	-0.865347
231061_PM_at	---	0.31914023	6.78930125	3.4081101	0.000753	0.00497	-0.866315
218133_PM_s_at	NIF3L1	-0.13014821	8.81435523	-3.407889	0.000754	0.00497	-0.86702
233480_PM_at	TMEM43	0.3762285	4.96522635	3.4075121	0.000755	0.00497	-0.868223
1553248_PM_at	CCDC57	0.16771323	3.64255928	3.4074284	0.000755	0.00497	-0.86849
243777_PM_at	RAB7L1	-0.3584598	4.66625537	-3.407385	0.000755	0.00497	-0.868628
206792_PM_x_at	PDE4C	0.2829268	10.0391794	3.4073337	0.000755	0.00497	-0.868793
212352_PM_s_at	TMED10	0.13556811	10.5652734	3.406491	0.000758	0.00499	-0.871482
223077_PM_at	TMOD3	0.16584369	8.76078161	3.4064373	0.000758	0.00499	-0.871653
217747_PM_s_at	RPS9	0.21964323	11.5609535	3.4061442	0.000759	0.00499	-0.872588
244236_PM_at	---	0.29538728	4.40183848	3.4058451	0.000759	0.005	-0.873542
206008_PM_at	TGM1	-0.21733423	5.00471007	-3.405845	0.000759	0.005	-0.873544
221806_PM_s_at	SETD5	0.26027398	8.72708351	3.405804	0.00076	0.005	-0.873674
210499_PM_s_at	PQB91	-0.26535948	4.85132423	-3.405491	0.00076	0.005	-0.874671
206148_PM_at	IL3RA	0.36964725	4.62223064	3.405239	0.000761	0.005	-0.875476
210754_PM_s_at	LYN	0.68107311	6.32213378	3.4051107	0.000761	0.00501	-0.875885
210649_PM_s_at	ARID1A	0.27097178	5.04130461	3.4049167	0.000762	0.00501	-0.876504
228654_PM_at	SPIN4	0.34231519	6.31858808	3.4048606	0.000762	0.00501	-0.876683
226475_PM_at	FAM118A	0.39454128	6.77626132	3.4047737	0.000762	0.00501	-0.87696
1552761_PM_at	SLC16A11	-0.21209944	4.40418873	-3.404179	0.000764	0.00502	-0.878857
206155_PM_at	ABCC2	-0.70405506	6.758221	-3.403657	0.000765	0.00503	-0.880522
212696_PM_s_at	RNF4	0.11590315	8.87873546	3.4036258	0.000765	0.00503	-0.88062
1564537_PM_a_at	ASB10	-0.20621669	3.63814842	-3.403595	0.000765	0.00503	-0.880718
211282_PM_x_at	TNFRSF25	0.32253089	4.33103831	3.4032381	0.000766	0.00503	-0.881856
205257_PM_s_at	AMPH	-0.39442483	4.34051067	-3.402362	0.000769	0.00505	-0.884649
210092_PM_at	MAGOH	0.37178137	7.82400429	3.4023491	0.000769	0.00505	-0.88469
203259_PM_s_at	HDCC2	-0.17363534	10.1116579	-3.402284	0.000769	0.00505	-0.884897
1554234_PM_at	KATNAL2	-0.24377498	4.84637497	-3.401571	0.000771	0.00506	-0.88717
235549_PM_at	RNF144B	0.24232254	3.73169951	3.4015149	0.000771	0.00506	-0.887348
200692_PM_s_at	HSPA9	-0.38736214	10.4060584	-3.400315	0.000774	0.00508	-0.89117
217807_PM_s_at	GLTSCR2	0.14873199	11.8615103	3.399801	0.000776	0.00509	-0.892808
238473_PM_at	LOC100216545	-0.21901406	4.1279199	-3.399658	0.000776	0.00509	-0.893263
1560275_PM_at	TMEM44	0.16449765	3.66321811	3.3994604	0.000777	0.00509	-0.893893
206141_PM_at	MOC53	-0.19881427	4.17216814	-3.399168	0.000777	0.00509	-0.894825
204615_PM_x_at	IDI1	-0.23598747	9.19004626	-3.398964	0.000778	0.0051	-0.895473
209212_PM_s_at	KLFS	0.49237887	6.55398805	3.3984665	0.000779	0.00511	-0.897058
231090_PM_s_at	ARID2	0.2687984	4.28459498	3.3974245	0.000782	0.00512	-0.900375
200971_PM_s_at	SERP1	0.20832345	10.6518667	3.3972795	0.000783	0.00512	-0.900836
218729_PM_at	LXN	0.37237461	8.73361712	3.3967576	0.000784	0.00513	-0.902497

242671_PM_at	---	0.48160548	5.25722528	3.3966315	0.000784	0.00513	-0.902899
244763_PM_at	MTRF1	-0.19015836	4.67470186	-3.396219	0.000786	0.00514	-0.904211
219945_PM_at	DDX25	-0.26518033	4.23604453	-3.39618	0.000786	0.00514	-0.904336
210149_PM_s_at	ATP5H	-0.13225258	11.6866088	-3.395793	0.000787	0.00515	-0.905566
204294_PM_at	AMT	-0.29335582	8.88293552	-3.395731	0.000787	0.00515	-0.905765
222218_PM_s_at	PILRA	0.45581385	6.0001463	3.3949496	0.000789	0.00516	-0.908249
201120_PM_s_at	PGRMC1	-0.75120164	9.75101316	-3.394946	0.000789	0.00516	-0.90826
1553364_PM_at	PNPLA1	-0.39057027	4.40822939	-3.394842	0.000789	0.00516	-0.908591
213670_PM_x_at	NSUN5P1	0.28557605	8.01095494	3.394667	0.00079	0.00516	-0.909148
205854_PM_at	TULP3	0.24821941	8.56778815	3.3945394	0.00079	0.00516	-0.909554
212313_PM_at	CHMP7	0.20901708	7.93465858	3.3945171	0.00079	0.00516	-0.909625
236804_PM_at	---	-0.25056771	5.41678917	-3.394202	0.000791	0.00517	-0.910627
1556136_PM_at	MYLK4	-0.55770662	5.40734472	-3.394194	0.000791	0.00517	-0.910652
217079_PM_at	LOC100288679	-0.32396886	4.81712162	-3.39404	0.000792	0.00517	-0.911141
224957_PM_at	C18orf32	-0.22861562	10.3073391	-3.39403	0.000792	0.00517	-0.911175
40472_PM_at	LPCAT4	0.28252651	5.35124883	3.3940129	0.000792	0.00517	-0.911229
205371_PM_s_at	DBT	-0.62779598	6.39561667	-3.393892	0.000792	0.00517	-0.911613
228170_PM_at	OLIG1	-0.40969749	4.93883595	-3.393675	0.000793	0.00517	-0.912303
206704_PM_at	CLCN5	-0.5052382	7.65484725	-3.393619	0.000793	0.00517	-0.912481
207191_PM_s_at	ISLR	0.54426451	5.40756446	3.3935908	0.000793	0.00517	-0.912571
218455_PM_at	NFS1	-0.29290306	8.87677907	-3.39334	0.000793	0.00518	-0.913368
244712_PM_at	MEX3D	-0.15190549	3.75279809	-3.392758	0.000795	0.00519	-0.915217
208951_PM_at	ALDH7A1	-0.58102615	10.0018285	-3.392532	0.000796	0.00519	-0.915937
220705_PM_s_at	ADAMTS7	-0.24449761	4.47149779	-3.392412	0.000796	0.00519	-0.91632
1569303_PM_s_at	RGS20	-0.18644464	4.05144375	-3.392026	0.000797	0.0052	-0.917546
205569_PM_at	LAMP3	0.75584687	4.56148118	3.3918937	0.000798	0.0052	-0.917966
211222_PM_s_at	HAP1	-0.16096878	4.00499881	-3.391657	0.000798	0.0052	-0.918719
208484_PM_at	HIST1H1A	-0.15144628	3.89021236	-3.391628	0.000798	0.0052	-0.91881
201379_PM_s_at	TPD52L2	0.18356144	8.60950215	3.3915644	0.000798	0.0052	-0.919012
240065_PM_at	FAM81B	0.36123858	3.75720559	3.3910431	0.0008	0.00521	-0.920669
209410_PM_s_at	GRB10	-0.42965727	6.25605023	-3.390988	0.0008	0.00521	-0.920844
203395_PM_s_at	HES1	0.30590826	8.95128087	3.3907758	0.000801	0.00521	-0.921518
223328_PM_at	ARMC10	-0.34078979	8.68156769	-3.390737	0.000801	0.00521	-0.921642
1558837_PM_a_at	---	0.30013443	5.13786184	3.3906607	0.000801	0.00521	-0.921884
216980_PM_s_at	SPN	-0.19020392	4.1171315	-3.390592	0.000801	0.00521	-0.922102
216711_PM_s_at	TAF1	-0.29161313	5.32866456	-3.390313	0.000802	0.00522	-0.922989
1556656_PM_at	---	0.4139582	5.53825219	3.3901943	0.000802	0.00522	-0.923365
217329_PM_x_at	---	-0.26180693	10.5639613	-3.390107	0.000803	0.00522	-0.923643
1555392_PM_at	LOC100128868	0.23397748	4.45363537	3.3893631	0.000805	0.00523	-0.926005
217315_PM_s_at	KLK13	-0.28528992	4.46977643	-3.389288	0.000805	0.00523	-0.926243
235970_PM_at	LCORL	0.36171524	5.35670669	3.3890095	0.000806	0.00524	-0.927128
242998_PM_at	RDH12	-0.95151757	7.12241974	-3.388987	0.000806	0.00524	-0.9272
217948_PM_at	FAM127B /// LOC100292719	0.26184359	7.36738785	3.3889782	0.000806	0.00524	-0.927228
219114_PM_at	C3orf18	-0.25469918	6.63871181	-3.388838	0.000806	0.00524	-0.927674
224801_PM_at	NDFIP2	-0.36010381	7.8602179	-3.388713	0.000806	0.00524	-0.928071
235104_PM_at	ERAP2	0.72544697	5.72194826	3.3885473	0.000807	0.00524	-0.928596
200640_PM_at	YWHAZ	0.28592145	10.2708343	3.3881301	0.000808	0.00525	-0.929921
221041_PM_s_at	SLC17A5	-0.53449085	7.49228748	-3.387542	0.00081	0.00526	-0.931788
205778_PM_at	KLK7	-0.56345735	5.5569204	-3.387428	0.00081	0.00526	-0.93215
202269_PM_x_at	GBP1	0.65505054	8.69602133	3.3873438	0.00081	0.00526	-0.932471
216840_PM_s_at	LAMA2	0.5503038	6.05757332	3.3868303	0.000812	0.00527	-0.934047
1562673_PM_at	---	0.25377622	4.00400567	3.3867079	0.000812	0.00527	-0.934435
1569105_PM_at	SETD5	-0.28195298	5.5628267	-3.386635	0.000812	0.00527	-0.934666
230819_PM_at	C2CD4C	-0.19359336	4.23178304	-3.386519	0.000813	0.00527	-0.935035
1555881_PM_s_at	LZTS2	0.21906023	7.63375559	3.386485	0.000813	0.00527	-0.935143
235230_PM_at	PLCXD2	0.31405083	4.17998707	3.3860704	0.000814	0.00528	-0.936458
234466_PM_at	FAM20C	-0.21158413	4.42199492	-3.385798	0.000815	0.00528	-0.937322
218997_PM_at	POLR1E	0.24186125	5.64756328	3.385581	0.000815	0.00528	-0.938011
57539_PM_at	ZGPAT	-0.65796358	8.65827284	-3.385371	0.000816	0.00529	-0.938677
1553039_PM_a_at	ASB10	-0.17566857	3.89531768	-3.385113	0.000817	0.00529	-0.939495
35254_PM_at	TRAFD1	0.34421305	6.78384066	3.3849871	0.000817	0.00529	-0.939895
222673_PM_x_at	FAM122B	0.25268555	7.9490254	3.3847117	0.000818	0.0053	-0.940769
201810_PM_s_at	SH3BP5	0.30228603	9.12270882	3.3843514	0.000819	0.0053	-0.941912
201630_PM_s_at	ACP1	-0.20230113	10.4332091	-3.38432	0.000819	0.0053	-0.94201
202877_PM_s_at	CD93	0.41823703	7.43452127	3.3842383	0.000819	0.0053	-0.942271

205660_PM_at	OASL	0.42332023	4.47926586	3.3830242	0.000823	0.00532	-0.94612
243181_PM_at	ANKIB1	-0.24096414	4.47238421	-3.382867	0.000823	0.00533	-0.946618
201751_PM_at	JOSD1	0.18247357	7.48538629	3.3824349	0.000824	0.00533	-0.947989
231505_PM_s_at	SFXN4	-0.39054031	4.82814072	-3.382263	0.000825	0.00534	-0.948534
213295_PM_at	CYLD	0.24002955	8.00275256	3.3820552	0.000825	0.00534	-0.949192
244822_PM_at	---	0.29388481	4.45715555	3.3816647	0.000827	0.00534	-0.95043
1558619_PM_at	SNORA43	-0.17504086	4.16881749	-3.38119	0.000828	0.00535	-0.951936
206635_PM_at	CHRNB2	-0.18608495	4.70907222	-3.381105	0.000828	0.00535	-0.952204
227877_PM_at	C5orf39	0.41746773	4.57330028	3.3808236	0.000829	0.00536	-0.953095
204125_PM_at	NDUFAF1	-0.20720549	8.99679545	-3.380688	0.000829	0.00536	-0.953525
210116_PM_at	SH2D1A	0.51244813	4.28164691	3.3805726	0.00083	0.00536	-0.953891
214722_PM_at	NOTCH2NL	0.39639228	9.59587019	3.3804249	0.00083	0.00536	-0.954359
204610_PM_s_at	CCDC85B	0.48150499	5.76823576	3.3803812	0.00083	0.00536	-0.954497
1553304_PM_at	LSM14B	-0.2714123	4.82002384	-3.379993	0.000831	0.00537	-0.955725
204186_PM_s_at	PPID	-0.34862949	7.77596325	-3.379494	0.000833	0.00538	-0.957308
241433_PM_at	---	-0.22811962	4.00717593	-3.379446	0.000833	0.00538	-0.957459
217900_PM_at	IARS2	-0.23332951	9.91496751	-3.379423	0.000833	0.00538	-0.957532
218473_PM_s_at	GLT25D1	0.31609229	6.58188911	3.3786311	0.000835	0.00539	-0.960041
1555096_PM_at	C4orf37	-0.15449655	3.89485616	-3.378276	0.000836	0.00539	-0.961164
229112_PM_at	SIRT5	-0.27398043	5.11839371	-3.378264	0.000836	0.00539	-0.961202
243018_PM_at	---	-0.45305472	4.80482029	-3.37826	0.000836	0.00539	-0.961217
48531_PM_at	TNIP2	0.22504603	8.85781096	3.377966	0.000837	0.0054	-0.962147
224206_PM_x_at	MYNN	-0.17222192	7.38016779	-3.377291	0.000839	0.00541	-0.964283
213569_PM_at	---	0.20168768	4.94005886	3.3772016	0.00084	0.00541	-0.964567
228165_PM_at	C12orf53	-0.14178932	3.79540987	-3.376681	0.000841	0.00542	-0.966213
217850_PM_at	GNL3	0.2603737	8.34547927	3.3765655	0.000841	0.00542	-0.96658
204098_PM_at	RBMX2	0.17700954	7.50801058	3.3761657	0.000843	0.00543	-0.967845
213113_PM_s_at	SLC43A3	0.57564829	5.91415875	3.3760793	0.000843	0.00543	-0.968119
207837_PM_at	RBPMS	0.36377024	4.29961158	3.3759511	0.000843	0.00543	-0.968524
218829_PM_s_at	CHD7	0.23491709	7.1797223	3.3759257	0.000843	0.00543	-0.968605
210093_PM_s_at	MAGOH	0.48663934	7.4365189	3.3759099	0.000843	0.00543	-0.968655
210014_PM_x_at	IDH3B	-0.19115152	9.43880062	-3.375892	0.000843	0.00543	-0.968711
220297_PM_at	BTBD7	-0.26811723	4.71447737	-3.375446	0.000845	0.00544	-0.970123
228880_PM_at	NAT8L	-0.37950678	5.79594412	-3.375114	0.000846	0.00544	-0.971173
209532_PM_at	PLAA	-0.30833987	5.35886655	-3.375018	0.000846	0.00544	-0.971477
237091_PM_at	---	-0.28133132	4.59574369	-3.374843	0.000846	0.00544	-0.972032
232662_PM_x_at	C10orf58	-0.2997903	8.32655276	-3.374729	0.000847	0.00545	-0.972391
225449_PM_at	RDH13	-0.20072143	4.65592688	-3.374645	0.000847	0.00545	-0.972657
210995_PM_s_at	TRIM23	-0.28055315	4.11389523	-3.374416	0.000848	0.00545	-0.973383
224792_PM_at	TNKS18BP1	0.18108367	4.11051887	3.3741438	0.000849	0.00545	-0.974242
203506_PM_s_at	MED12	0.30032271	4.60432051	3.374055	0.000849	0.00545	-0.974523
212810_PM_s_at	SLC1A4	0.35580301	4.74748744	3.3738405	0.000849	0.00546	-0.975201
213168_PM_at	SP3	0.16833163	9.33842397	3.3738318	0.000849	0.00546	-0.975229
1557341_PM_x_at	---	-0.2490002	4.78513881	-3.373709	0.00085	0.00546	-0.975617
230739_PM_at	C18orf19	-0.305034	6.8838233	-3.373677	0.00085	0.00546	-0.975718
216694_PM_at	---	-0.21576384	4.39978717	-3.373509	0.00085	0.00546	-0.97625
220198_PM_s_at	EIF5A2	-0.22453234	4.49107738	-3.373221	0.000851	0.00547	-0.977162
244751_PM_at	PCP2	-0.20598638	4.62471314	-3.372589	0.000853	0.00548	-0.979159
212399_PM_s_at	VGLL4	0.16896043	9.10544227	3.3719844	0.000855	0.00549	-0.98107
209436_PM_at	SPON1	0.56717921	7.83873643	3.3712319	0.000857	0.0055	-0.983449
37462_PM_i_at	SF3A2	0.47499619	5.23174835	3.3708262	0.000858	0.00551	-0.984731
240897_PM_at	---	-0.17864708	4.44739548	-3.370758	0.000859	0.00551	-0.984946
237426_PM_at	SP100	0.46509381	5.2332054	3.3707087	0.000859	0.00551	-0.985102
222703_PM_s_at	YRDC	-0.25098212	5.74732798	-3.370336	0.00086	0.00551	-0.986279
203143_PM_s_at	KIAA0040	0.26089918	7.0772443	3.3702145	0.00086	0.00551	-0.986663
215332_PM_s_at	CD8B	0.43276166	3.66926447	3.3697591	0.000862	0.00552	-0.988102
215330_PM_at	---	0.32631646	3.9222732	3.3697002	0.000862	0.00552	-0.988288
208416_PM_s_at	SPTB	-0.1402338	3.98881593	-3.369672	0.000862	0.00552	-0.988377
227927_PM_at	---	0.27383861	4.62437783	3.3695395	0.000862	0.00552	-0.988796
238190_PM_at	TUFM	-0.25261206	5.5178175	-3.369325	0.000863	0.00553	-0.989474
207981_PM_s_at	ESRRG	-0.45510084	9.07812212	-3.368507	0.000865	0.00554	-0.992058
229063_PM_s_at	CCDC107	0.24999226	7.70978329	3.3680387	0.000867	0.00555	-0.993536
201216_PM_at	ERP29	0.34303271	9.69061375	3.368013	0.000867	0.00555	-0.993617
203717_PM_at	DPP4	-0.36863906	10.3441335	-3.367843	0.000867	0.00555	-0.994155
238816_PM_at	PSEN1	-0.24772193	3.91273152	-3.367833	0.000867	0.00555	-0.994184

227970_PM_at	---	-0.31267916	6.85624311	-3.367582	0.000868	0.00556	-0.994977
230284_PM_at	MYOM3	-0.33889677	4.27589258	-3.367421	0.000869	0.00556	-0.995485
219489_PM_s_at	NXN	0.49244789	7.62443696	3.3672734	0.000869	0.00556	-0.995952
227628_PM_at	GPX8	0.49559686	7.8085109	3.3670727	0.00087	0.00556	-0.996586
220788_PM_s_at	RNF31	0.26888209	5.53814707	3.3670514	0.00087	0.00556	-0.996653
205885_PM_s_at	ITGA4	0.26633955	3.51812935	3.3665906	0.000871	0.00557	-0.998107
179_PM_at	PMS2L11	-0.20720982	5.34371177	-3.3663	0.000872	0.00557	-0.999026
203896_PM_s_at	PLCB4	0.58991354	6.32862751	3.3660182	0.000873	0.00558	-0.999914
202917_PM_s_at	S100A8	0.84413435	7.45510149	3.3658219	0.000873	0.00558	-1.000534
243008_PM_at	---	0.24694891	3.99593628	3.3653307	0.000875	0.00559	-1.002084
213693_PM_s_at	MUC1	0.52412573	9.18534959	3.3653296	0.000875	0.00559	-1.002087
234928_PM_x_at	RUNX3	-0.33542603	4.59376929	-3.365162	0.000875	0.00559	-1.002615
233881_PM_s_at	TOLLIP	-0.28155584	5.93490459	-3.36476	0.000877	0.0056	-1.003884
225813_PM_at	RC3H2	0.30767308	7.35242084	3.3645187	0.000877	0.0056	-1.004645
222762_PM_x_at	LIMD1	0.31374526	7.07038557	3.3644646	0.000878	0.0056	-1.004816
211172_PM_x_at	AKAP7	-0.15573859	3.83501482	-3.364347	0.000878	0.0056	-1.005187
209303_PM_at	NDUFS4	-0.17466338	9.87005249	-3.364282	0.000878	0.0056	-1.005393
201422_PM_at	IFI30	0.36018006	10.1021526	3.3635292	0.00088	0.00562	-1.007766
205681_PM_at	BCL2A1	0.86058637	5.19574504	3.3630624	0.000882	0.00562	-1.009239
233571_PM_x_at	PPDPF	0.29142611	11.032772	3.3630616	0.000882	0.00562	-1.009241
213891_PM_s_at	TCF4	0.43820056	8.98437041	3.3627765	0.000883	0.00563	-1.01014
214440_PM_at	NAT1	-0.28622138	8.09037739	-3.362742	0.000883	0.00563	-1.010248
201959_PM_s_at	MYCBP2	0.30806097	8.89155073	3.362721	0.000883	0.00563	-1.010315
205717_PM_x_at	PCDHGA11 /// PCDHGA12 /// PCDHGA6 /// PCDHGB3 /// PCDH	0.34955215	7.5513487	3.3626399	0.000883	0.00563	-1.010571
213842_PM_x_at	NSUN5P2	0.26287927	8.11254565	3.3625671	0.000883	0.00563	-1.0108
224377_PM_s_at	RAB18	-0.25775924	8.79703829	-3.362419	0.000884	0.00563	-1.011266
243992_PM_at	---	0.45559204	5.73124144	3.3624171	0.000884	0.00563	-1.011273
239419_PM_at	PTPRA	-0.26295231	4.62270006	-3.361668	0.000886	0.00564	-1.013636
239427_PM_at	SLAMF1	0.27894226	4.06805111	3.3615454	0.000887	0.00565	-1.014021
229943_PM_at	TRIM13	0.42669267	7.39549904	3.3613835	0.000887	0.00565	-1.014532
1565558_PM_at	---	0.17776326	3.65753586	3.3610022	0.000888	0.00565	-1.015733
232427_PM_at	ZNF224	0.37838627	4.86000558	3.360729	0.000889	0.00566	-1.016594
243117_PM_at	---	-0.3004385	5.03496736	-3.360475	0.00089	0.00566	-1.017394
212734_PM_x_at	RPL13	0.08688104	12.6761316	3.3602837	0.00089	0.00567	-1.017998
220246_PM_at	CAMK1D	0.20999149	3.54283121	3.360193	0.000891	0.00567	-1.018283
235286_PM_at	---	0.29028513	4.2776763	3.3599113	0.000892	0.00567	-1.019171
218122_PM_s_at	SENP2	-0.4206845	5.85990838	-3.359873	0.000892	0.00567	-1.019291
208676_PM_s_at	PA2G4	0.18682485	8.98544302	3.3588495	0.000895	0.00569	-1.022516
227313_PM_at	CNPY4	0.25798906	7.41950652	3.358679	0.000895	0.00569	-1.023053
239485_PM_at	CDH4	-0.17277053	3.83919601	-3.358566	0.000896	0.00569	-1.023408
1559125_PM_at	LOC100133019	0.22899707	3.89254186	3.3584397	0.000896	0.0057	-1.023807
217427_PM_s_at	HIRA	0.65761358	6.68039855	3.3583439	0.000896	0.0057	-1.024108
222312_PM_s_at	---	-0.36703115	7.40181627	-3.357542	0.000899	0.00571	-1.026633
218676_PM_s_at	PCTP	-0.31308985	8.76503741	-3.357374	0.000899	0.00571	-1.027163
AFFX-r2-Bs-dap-M	---	0.87045743	8.50637626	3.3572083	0.0009	0.00571	-1.027684
203962_PM_s_at	NEBL	-0.60372076	7.5733653	-3.357203	0.0009	0.00571	-1.027701
228544_PM_s_at	CSRP2BP /// PET117	-0.23574804	7.74841872	-3.357159	0.0009	0.00571	-1.027839
212778_PM_at	PACS2	0.3382161	6.36297264	3.3569068	0.000901	0.00572	-1.028633
222905_PM_s_at	TMEM143	-0.30669975	6.8098493	-3.356893	0.000901	0.00572	-1.028677
225182_PM_at	TMEM50B	0.18627547	10.0679116	3.3568637	0.000901	0.00572	-1.028769
213698_PM_at	ZMYM6	0.19566601	9.4321237	3.3560447	0.000904	0.00573	-1.031347
228011_PM_at	FAM92A1	-0.20173865	8.32364661	-3.355822	0.000904	0.00574	-1.032047
219931_PM_s_at	KLHL12	-0.33469979	5.0067759	-3.355791	0.000904	0.00574	-1.032146
239471_PM_at	LRRC28	-0.19935338	4.25727622	-3.355108	0.000907	0.00575	-1.034294
229407_PM_at	SDK1	0.20107015	3.86420749	3.3549764	0.000907	0.00575	-1.034708
205376_PM_at	INPP4B	0.34607439	5.01637944	3.3546239	0.000908	0.00576	-1.035818
1553983_PM_at	DTYMK	0.27223575	5.4644313	3.3545434	0.000908	0.00576	-1.036071
226478_PM_at	TM7SF3	-0.5014142	6.45635038	-3.353878	0.00091	0.00577	-1.038163
219657_PM_s_at	KLF3	0.21450555	4.73269076	3.3538263	0.000911	0.00577	-1.038327
1556126_PM_s_at	GPATCH2	0.34157655	6.89961995	3.3537219	0.000911	0.00577	-1.038655
236930_PM_at	NUMB	0.41297454	5.1565759	3.3536231	0.000911	0.00577	-1.038966
1559171_PM_at	MGC57346	0.17299047	3.56400391	3.352546	0.000915	0.00579	-1.042353
231032_PM_at	LOC286071	-0.35862131	4.83375947	-3.352386	0.000915	0.00579	-1.042856
212626_PM_x_at	HNRNPC	0.12774406	10.9467603	3.3522157	0.000916	0.0058	-1.043392
1561243_PM_at	TMEM105	-0.22453019	4.754648	-3.352208	0.000916	0.0058	-1.043414

234936_PM_s_at	CC2D2A	-0.29208981	7.51910935	-3.351791	0.000917	0.0058	-1.044727
225935_PM_at	---	0.27744579	8.37680293	3.3515732	0.000918	0.00581	-1.045411
1569415_PM_at	---	-0.18200609	4.41037207	-3.351268	0.000919	0.00581	-1.046372
1569551_PM_at	---	0.20664611	3.87252195	3.3511667	0.000919	0.00581	-1.046689
217717_PM_s_at	YWHAB	0.23046501	10.5564788	3.3510225	0.00092	0.00581	-1.047143
233236_PM_at	TSPAN16	-0.17058123	4.13520444	-3.350603	0.000921	0.00582	-1.048461
219910_PM_at	FICD	0.28039499	5.42791975	3.3505453	0.000921	0.00582	-1.048642
214336_PM_s_at	COPA	-0.25233828	4.1724358	-3.350301	0.000922	0.00583	-1.049411
1555153_PM_s_at	FCHO2	0.2056002	3.62056179	3.3502517	0.000922	0.00583	-1.049565
213130_PM_at	ZNF473	-0.21810869	5.50268447	-3.350245	0.000922	0.00583	-1.049585
210912_PM_x_at	GSTM4	-0.3400359	6.69138984	-3.350042	0.000923	0.00583	-1.050224
211661_PM_x_at	PTAFR	0.48126266	4.69756607	3.3498704	0.000923	0.00583	-1.050763
243121_PM_x_at	---	0.2646272	5.71984124	3.3487859	0.000927	0.00585	-1.05417
37652_PM_at	CABIN1	0.28296467	6.41657793	3.3487432	0.000927	0.00585	-1.054304
213491_PM_x_at	RPN2	0.11318985	11.171506	3.34874	0.000927	0.00585	-1.054314
212470_PM_at	SPAG9	-0.32655884	8.56012357	-3.348652	0.000927	0.00585	-1.05459
230166_PM_at	KIAA1958	-0.34686151	6.24099696	-3.348388	0.000928	0.00586	-1.055418
200793_PM_s_at	ACO2	-0.3233341	10.8409546	-3.348136	0.000929	0.00586	-1.056212
201892_PM_s_at	IMPDH2	0.16965098	10.0784502	3.3480059	0.000929	0.00586	-1.05662
213740_PM_s_at	LOC399904	-0.25811495	4.00424927	-3.347243	0.000932	0.00588	-1.059016
227389_PM_x_at	---	-0.29851023	4.80828841	-3.347119	0.000932	0.00588	-1.059405
1561651_PM_s_at	TAL1	-0.21855834	4.13765174	-3.346958	0.000933	0.00588	-1.05991
243285_PM_at	LOC283335	-0.17375776	4.05446279	-3.346577	0.000934	0.00589	-1.061106
241822_PM_at	---	-0.1954168	4.02457013	-3.346523	0.000934	0.00589	-1.061276
1558732_PM_at	MAP4K4	0.43961163	4.84915809	3.3464495	0.000934	0.00589	-1.061506
234969_PM_s_at	EPC1	0.1784682	9.57231228	3.3464045	0.000934	0.00589	-1.061648
221669_PM_s_at	ACAD8	-0.32231076	8.69352687	-3.346169	0.000935	0.00589	-1.062387
201337_PM_s_at	VAMP3	-0.85669418	7.08308125	-3.345767	0.000936	0.0059	-1.063648
220150_PM_s_at	FAM184A	-0.40208564	5.46082907	-3.345409	0.000938	0.0059	-1.064772
201504_PM_s_at	TSN	-0.40196825	7.15347369	-3.344689	0.00094	0.00592	-1.067033
234219_PM_at	---	-0.78597896	6.32547785	-3.344363	0.000941	0.00592	-1.068055
212642_PM_s_at	HIVEP2	0.29637299	6.91244379	3.3433245	0.000944	0.00594	-1.071312
205926_PM_at	IL27RA	0.32187543	4.44300539	3.3432697	0.000945	0.00594	-1.071484
240571_PM_at	---	-0.19550319	3.98940034	-3.342583	0.000947	0.00596	-1.073638
210658_PM_s_at	GGA2	-0.35769925	6.37969673	-3.342562	0.000947	0.00596	-1.073702
225375_PM_at	TMEM199	-0.28844476	7.95463506	-3.342542	0.000947	0.00596	-1.073767
229660_PM_at	C16orf55	0.22423389	4.08762789	3.3423116	0.000948	0.00596	-1.074488
205188_PM_s_at	SMAD5	-0.45557036	5.58889239	-3.341823	0.000949	0.00597	-1.076019
219315_PM_s_at	TMEM204	0.25193526	8.42942752	3.3411799	0.000951	0.00598	-1.078036
233021_PM_at	---	-0.32173606	6.23336629	-3.341062	0.000952	0.00598	-1.078406
203413_PM_at	NELL2	0.59159637	5.24793698	3.3410076	0.000952	0.00598	-1.078576
203676_PM_at	GNS	-0.41101217	5.40933015	-3.340762	0.000953	0.00599	-1.079347
222466_PM_s_at	MRPL42	-0.23155634	8.35309995	-3.340719	0.000953	0.00599	-1.079488
209533_PM_s_at	PLAA	0.51787512	5.95210975	3.3403733	0.000954	0.00599	-1.080564
243463_PM_s_at	RIT1	0.40487594	7.09035025	3.3402612	0.000954	0.00599	-1.080915
235539_PM_at	NUMA1	0.26945029	4.64906764	3.340118	0.000955	0.006	-1.081364
202614_PM_at	SLC30A9	-0.20894409	9.77826206	-3.339963	0.000955	0.006	-1.08185
237492_PM_at	---	0.28787813	3.67273761	3.3398959	0.000956	0.006	-1.08206
202969_PM_at	DYRK2	0.31654544	6.84422515	3.3395841	0.000957	0.006	-1.083037
1565975_PM_at	---	0.25913898	4.07156985	3.3394619	0.000957	0.00601	-1.08342
218777_PM_at	REEP4	0.38308057	6.40372023	3.3393077	0.000958	0.00601	-1.083903
241560_PM_at	---	-0.89293156	6.73781115	-3.339135	0.000958	0.00601	-1.084445
201030_PM_x_at	LDHB	-0.15466139	12.905925	-3.338925	0.000959	0.00601	-1.085102
220393_PM_at	LGSN	-0.36363356	3.8260997	-3.33856	0.00096	0.00602	-1.086246
205412_PM_at	ACAT1	-0.34677696	11.8508076	-3.338434	0.00096	0.00602	-1.086638
222225_PM_at	RPL23AP53	-0.18267337	4.1074544	-3.338208	0.000961	0.00603	-1.087348
238491_PM_at	---	-0.28311524	4.73897581	-3.338164	0.000961	0.00603	-1.087485
239286_PM_at	CDH11	0.26511573	3.79487441	3.3381063	0.000962	0.00603	-1.087666
200088_PM_x_at	RPL12	0.08816406	12.6822785	3.3380371	0.000962	0.00603	-1.087883
205307_PM_s_at	KMO	-0.71294131	7.63788119	-3.337809	0.000963	0.00603	-1.088598
205499_PM_at	SRPX2	0.53573221	4.91239875	3.337491	0.000964	0.00604	-1.089593
1559747_PM_at	SPG11	0.25232973	4.3135665	3.3368157	0.000966	0.00605	-1.091708
228402_PM_at	ZBED3	0.28934859	7.8160677	3.336804	0.000966	0.00605	-1.091744
229313_PM_at	ANOS	-0.4657155	6.39547971	-3.336754	0.000966	0.00605	-1.0919
205993_PM_s_at	TBX2	-0.28530556	5.39967158	-3.336588	0.000967	0.00605	-1.092419

236148_PM_at	---	-0.28477373	4.4536124	-3.336506	0.000967	0.00605	-1.092676
221839_PM_s_at	UBAP2	0.16935542	8.67806845	3.3364528	0.000967	0.00605	-1.092844
203981_PM_s_at	ABCD4	-0.22165737	8.36274296	-3.336343	0.000967	0.00605	-1.093187
202196_PM_s_at	DKK3	0.54595734	6.59550655	3.336083	0.000968	0.00606	-1.094001
1566303_PM_s_at	PPP1R11	0.31554814	7.74310717	3.3360737	0.000968	0.00606	-1.09403
1552768_PM_at	CAMKK1	-0.12939999	3.81049249	-3.335791	0.000969	0.00606	-1.094915
229623_PM_at	TMEM150C	-0.32660367	8.50497105	-3.335559	0.00097	0.00606	-1.095642
228141_PM_at	GPX8	0.5191413	6.9384613	3.3353965	0.000971	0.00607	-1.09615
211049_PM_at	TLX2	-0.17213467	3.69059055	-3.335239	0.000971	0.00607	-1.096643
235380_PM_at	---	0.20158825	3.30039313	3.3347076	0.000973	0.00608	-1.098306
236421_PM_at	ANKRD45	0.18218342	3.74052485	3.3342087	0.000975	0.00609	-1.099866
206918_PM_s_at	CPNE1	0.24643255	7.87174841	3.3336564	0.000976	0.0061	-1.101594
201989_PM_s_at	CREBL2	-0.16372579	9.83958445	-3.333383	0.000977	0.0061	-1.10245
223737_PM_x_at	CHST9	0.34605604	3.9606802	3.3333562	0.000977	0.0061	-1.102533
243738_PM_at	NMNPAT3	-0.29820891	4.67209814	-3.333332	0.000978	0.0061	-1.102608
226888_PM_at	CSNK1G1	0.16572546	7.70586207	3.3331253	0.000978	0.00611	-1.103255
209864_PM_at	FRAT2	0.3050625	6.65941826	3.33308	0.000978	0.00611	-1.103397
235209_PM_at	C8orf84	0.44985409	7.18526286	3.3329883	0.000979	0.00611	-1.103684
209911_PM_x_at	HIST1H2BD	-0.38979162	9.35909966	-3.332652	0.00098	0.00611	-1.104736
226974_PM_at	NEDD4L	-0.38364072	8.81026731	-3.332412	0.000981	0.00612	-1.105486
202650_PM_s_at	KIAA0195	-0.21773147	7.06408384	-3.331996	0.000982	0.00613	-1.106786
244154_PM_at	DDHD1	0.26376813	4.19652692	3.3317342	0.000983	0.00613	-1.107605
238006_PM_at	SIN3A	-0.40590737	6.28744671	-3.331254	0.000985	0.00614	-1.109105
1562587_PM_at	CLNK	-0.38416737	4.91842426	-3.330997	0.000985	0.00614	-1.10991
213488_PM_at	SNED1	0.37895195	5.13530833	3.3306459	0.000987	0.00615	-1.111007
213245_PM_at	ADCY1	-0.22104388	4.2496994	-3.330436	0.000987	0.00615	-1.111664
205542_PM_at	STEAP1	-0.50587156	7.49531399	-3.329835	0.000989	0.00616	-1.113542
1560390_PM_s_at	LOC284440	0.18021614	3.51635128	3.3294592	0.000991	0.00617	-1.114717
207106_PM_s_at	LTK	-0.24633695	4.16390602	-3.328974	0.000992	0.00618	-1.116232
231255_PM_at	MPRIP	-0.32344655	5.49289986	-3.328673	0.000993	0.00619	-1.117173
239348_PM_at	---	0.42746006	5.18054771	3.3277734	0.000996	0.0062	-1.119981
218381_PM_s_at	U2AF2	0.28963236	9.00617923	3.3277691	0.000996	0.0062	-1.119995
209746_PM_s_at	COQ7	-0.28208642	5.63187292	-3.327754	0.000997	0.0062	-1.120042
214681_PM_at	GK	-0.59716276	9.40370694	-3.327645	0.000997	0.0062	-1.120384
214809_PM_at	---	-0.21219598	4.16373997	-3.327194	0.000998	0.00621	-1.121789
229272_PM_at	FNBP4	0.46508798	4.94784281	3.3263445	0.001001	0.00623	-1.124443
203803_PM_at	PCYOX1	-0.44642836	9.07933865	-3.326226	0.001002	0.00623	-1.124812
236667_PM_at	TMEM120B	-0.17317191	4.0374126	-3.326159	0.001002	0.00623	-1.125023
230754_PM_at	ZBTB38	-0.1729701	4.37695742	-3.325861	0.001003	0.00624	-1.125951
210677_PM_at	SOAT2	-0.19615766	4.14814179	-3.325628	0.001004	0.00624	-1.12668
213096_PM_at	TMCC2	-0.19444815	4.38959484	-3.325434	0.001005	0.00624	-1.127284
221514_PM_at	UTP14A	0.25326499	6.88312418	3.3252904	0.001005	0.00625	-1.127733
1556122_PM_at	---	-0.19616309	4.22154988	-3.325229	0.001005	0.00625	-1.127925
214199_PM_at	SFTPD	0.14325385	3.78843534	3.3249392	0.001006	0.00625	-1.128829
1552536_PM_at	VTI1A	0.15391892	3.94901765	3.3248348	0.001007	0.00625	-1.129155
204859_PM_s_at	APAF1	0.3871859	5.88859422	3.3246144	0.001007	0.00626	-1.129842
234055_PM_s_at	GZF1	-0.20079585	4.64128821	-3.324445	0.001008	0.00626	-1.130356
1553265_PM_at	SLC23A3	-0.41087873	4.55537354	-3.323907	0.00101	0.00627	-1.132051
214036_PM_at	EFNA5	0.3674304	6.63482966	3.3238848	0.00101	0.00627	-1.132119
242873_PM_at	---	0.22263739	3.72341951	3.3237528	0.00101	0.00627	-1.132531
231080_PM_at	LOC100289126	-0.25206496	3.82356736	-3.323385	0.001012	0.00628	-1.133679
239533_PM_at	GPR155	-0.37739456	8.72722732	-3.323258	0.001012	0.00628	-1.134074
224415_PM_s_at	HINT2	-0.25639673	10.2022314	-3.323116	0.001013	0.00628	-1.134516
233525_PM_s_at	C9orf44	-0.19835465	4.31218723	-3.322997	0.001013	0.00628	-1.134887
223592_PM_s_at	RNF135	-0.19201494	9.47296927	-3.322663	0.001014	0.00629	-1.13593
230748_PM_at	SLC16A6	0.41223185	4.69945172	3.3225984	0.001014	0.00629	-1.136131
235717_PM_at	ZNF229	-0.17193461	4.29154658	-3.322401	0.001015	0.00629	-1.136745
200875_PM_s_at	NOP56	0.18098906	8.89942494	3.3223849	0.001015	0.00629	-1.136797
226459_PM_at	PIK3AP1	0.35812231	9.27655426	3.3223402	0.001015	0.00629	-1.136936
217519_PM_at	---	0.24766519	3.55285632	3.3223314	0.001015	0.00629	-1.136964
219237_PM_s_at	DNAJB14	0.25637403	7.85079852	3.3222589	0.001016	0.00629	-1.13719
236883_PM_at	---	0.42618857	5.99838176	3.3222372	0.001016	0.00629	-1.137258
238886_PM_at	TMED10	0.31445975	4.2680314	3.3220107	0.001016	0.0063	-1.137964
229369_PM_at	VSIG2	-0.20029094	4.44092354	-3.321856	0.001017	0.0063	-1.138447
1565269_PM_s_at	ATF1	-0.46125447	6.24372888	-3.321752	0.001017	0.0063	-1.138769

203893_PM_at	TAF9	-0.20529723	9.32457071	-3.321715	0.001017	0.0063	-1.138886
224061_PM_at	INMT	0.468857	6.56207063	3.3216463	0.001018	0.0063	-1.1391
202326_PM_at	EHMT2	0.25662556	7.45471527	3.3215655	0.001018	0.0063	-1.139352
212003_PM_at	C1orf144	-0.32064838	5.95875978	-3.320901	0.00102	0.00631	-1.141422
238452_PM_at	FCRLB	-0.48227361	6.32365386	-3.320605	0.001021	0.00632	-1.142344
226840_PM_at	H2AFY	0.42765896	6.33837351	3.3203067	0.001022	0.00632	-1.143276
221802_PM_s_at	KIAA1598	0.24225791	8.94632264	3.3199938	0.001024	0.00633	-1.144251
1557744_PM_at	---	0.20387524	3.92010173	3.3199519	0.001024	0.00633	-1.144381
207159_PM_x_at	CRTC1	-0.19799357	4.46065679	-3.319767	0.001024	0.00633	-1.144958
220224_PM_at	HAO1	-0.33090463	4.06228799	-3.319206	0.001026	0.00634	-1.146704
31837_PM_at	LMF2	0.21880033	8.42326117	3.318941	0.001027	0.00635	-1.147531
213124_PM_at	ZNF473	0.15575395	3.766478	3.3189404	0.001027	0.00635	-1.147533
213813_PM_x_at	---	0.58404482	6.59262608	3.3188353	0.001028	0.00635	-1.14786
239026_PM_x_at	AGAP3	-0.2533208	5.23127488	-3.318652	0.001028	0.00635	-1.14843
226435_PM_at	PAPLN	0.3408612	9.01093065	3.3179485	0.001031	0.00637	-1.150623
238619_PM_at	---	0.54879718	6.28863843	3.3177697	0.001031	0.00637	-1.151179
1559351_PM_at	---	-0.87436539	5.82463109	-3.317088	0.001034	0.00638	-1.153303
213595_PM_s_at	CDC42BPA	-0.21964302	5.74832807	-3.317007	0.001034	0.00638	-1.153555
212624_PM_s_at	CHN1	0.36719728	6.22575425	3.3168178	0.001035	0.00639	-1.154143
212044_PM_s_at	RPL27A	0.34320467	7.80649953	3.3166793	0.001035	0.00639	-1.154575
1553169_PM_at	LRRN4	0.3310334	3.96468878	3.3165544	0.001036	0.00639	-1.154964
209620_PM_s_at	ABCB7	-0.16561001	8.61510938	-3.316036	0.001038	0.0064	-1.156579
211157_PM_at	---	-0.22928055	4.95664016	-3.316028	0.001038	0.0064	-1.156602

Gene Symbol	Probeset	FoldChanges	FDR
TRPC7	208589_PM_at	-1.64232	0.001416
LGSN	220393_PM_at	-1.78009	0.001483
HBG1 /// HBG2	204419_PM_x_at	-1.79997	0.001507
AKAP12	210517_PM_s_at	2.90395	0.001557
UNC93A	214382_PM_at	-1.64539	0.001892
OPCML	206215_PM_at	-1.33279	0.002008
TIMP3	201147_PM_s_at	2.05477	0.002485
RPL31 /// TBC1D8	241017_PM_at	-1.49632	0.002487
THSD7B	232327_PM_at	-1.35652	0.002843
ZNF688	213527_PM_s_at	-1.21492	0.00296
WDR65	1553425_PM_at	-1.25739	0.003015
LOC255512	1555865_PM_at	-1.74017	0.003253
PABPC1	215157_PM_x_at	1.28517	0.003261
LOC440981 /// PLSCR2	241510_PM_at	-1.20129	0.003278
ERLEC1	224628_PM_at	1.27978	0.003297
AKAP13	208325_PM_s_at	1.66666	0.003367
TAL2	231759_PM_at	-1.38623	0.003439
KBTBD12	244771_PM_at	-1.35738	0.003442
BRD2	208685_PM_x_at	1.36737	0.003604
KCNK10	220727_PM_at	-1.50861	0.004076
ELF1	212418_PM_at	1.69725	0.004157
LOC100289811 /// LOC216039	216039_PM_at	-1.35852	0.004193
GRIA3	206730_PM_at	-1.28399	0.004292
ACOT6	241949_PM_at	-1.71094	0.00498
PSMB5	208799_PM_at	-1.21424	0.007485
DLGAP2	210227_PM_at	-1.48077	0.007586
SLC30A8	239983_PM_at	-2.09298	0.008173
KLF6	208960_PM_s_at	2.56505	0.008194
CBR4	213626_PM_at	-1.38001	0.008269
GAS2	205848_PM_at	-2.5596	0.008301
ZC3HAV1	213051_PM_at	1.33316	0.008627
LOC285045	1564309_PM_at	-1.20185	0.009081
MYLK4	1556136_PM_at	-1.51801	0.009193
GOLGA8A /// GOLGA8B	210424_PM_s_at	1.76568	0.009275
CBL	225231_PM_at	1.53584	0.009473
GCGR	210565_PM_at	-1.36993	0.011987
ATP5I	207335_PM_x_at	-1.2712	0.012012
JOSD1	201751_PM_at	1.54398	0.01306
LOC727930	237117_PM_at	-1.66121	0.013064
TIMM8B	218357_PM_s_at	-1.20589	0.014368
PNMA2	209597_PM_s_at	1.62032	0.014498
COMMD1	226024_PM_at	-1.2686	0.01459
RBMS1	203748_PM_x_at	1.64697	0.014712
SCUBE1	233988_PM_x_at	-1.32143	0.014721
ATP6V1F	201527_PM_at	-1.33577	0.014831
MBP	207323_PM_s_at	1.26941	0.014839

LOC497256	1560380_PM_at	-1.2949	0.014885
TTC1	201434_PM_at	-1.27663	0.015047
TF	203400_PM_s_at	-1.27503	0.015116
LATS2	223379_PM_s_at	1.23514	0.015208
C15orf61	229742_PM_at	-1.47548	0.0153
SH3BP5	201810_PM_s_at	1.46736	0.016714
OLIG1	228170_PM_at	-1.88573	0.016825
HLA-C	208812_PM_x_at	1.44827	0.017917
STIM2	225246_PM_at	1.56245	0.017957
APOBEC3G	204205_PM_at	1.63383	0.018087
LCE1B	1560531_PM_at	-1.20028	0.018189
COX5B	202343_PM_x_at	-1.35999	0.018192
ZCCHC6	220933_PM_s_at	1.51773	0.018245
PPAPDC1A	236044_PM_at	-2.22608	0.018476
NDUFB11	218320_PM_s_at	-1.29549	0.018492
OBSCN	220427_PM_at	-1.35887	0.01852
TP53TG1	209917_PM_s_at	-1.46972	0.018532
RPRM	219370_PM_at	-1.27899	0.018602
ZBTB38	219221_PM_at	1.38363	0.018654
RNASEL	221287_PM_at	1.38529	0.01872
HLA-G	210514_PM_x_at	1.63106	0.01874
MYL6B	204173_PM_at	-1.52505	0.018817
SUGT1L1	236770_PM_at	-1.21579	0.019008
LOC100287166	233997_PM_at	-1.33816	0.019065
PPBP	214146_PM_s_at	-1.22151	0.019067
USP4	202681_PM_at	1.23992	0.01911
NELL1	206089_PM_at	-1.79724	0.01917
LRRTM1	238815_PM_at	-1.30517	0.019252
CFLAR	208485_PM_x_at	1.345	0.019272
C12orf35	218614_PM_at	2.42365	0.019344
NCRNA00113	231491_PM_at	-1.59783	0.019453
KLRC3	207723_PM_s_at	1.28403	0.019475
RABGAP1L	203020_PM_at	1.47437	0.019499
LOC100288911	236656_PM_s_at	-1.44251	0.019501
HLA-E	200904_PM_at	1.75769	0.019531
POM121L8P /// POM12	232736_PM_s_at	1.68465	0.01955
C1orf74	229933_PM_at	-1.3662	0.019565
SNX9	223027_PM_at	1.2777	0.019603
GFOD1	219821_PM_s_at	1.90951	0.019609
PRKCH	206099_PM_at	1.66575	0.019721
GABRA2	207014_PM_at	-1.30161	0.019791
ACSL5	218322_PM_s_at	2.41664	0.019811
ZCCHC2	219062_PM_s_at	1.7777	0.019938
C1orf57	223272_PM_s_at	-1.48177	0.020087
NCRNA00168	1561127_PM_at	-1.21585	0.020178
IDI2	1552491_PM_at	-1.40485	0.020184
CCDC150	232398_PM_at	-2.07525	0.020226

CP	204846_PM_at	3.49283	0.020233
LARP6	218651_PM_s_at	-1.34891	0.020239
ETV6	205585_PM_at	1.9341	0.020296
TRIM56	231876_PM_at	1.68262	0.020301
TMEM182	238578_PM_at	-1.30228	0.020322
NFKBIA	201502_PM_s_at	1.69508	0.020402
ZFP36L1	211962_PM_s_at	1.63429	0.020413
DNMT3L	220139_PM_at	-3.36939	0.02046
NDUFA4	217773_PM_s_at	-1.347	0.020509
MLXIP	202519_PM_at	1.57194	0.02051
HLA-DRA	208894_PM_at	2.06574	0.020642
LOC652993	1556730_PM_at	-1.24069	0.020702
KBTBD5	1555044_PM_a_a	-1.36467	0.020725
ATP5O	200818_PM_at	-1.21127	0.020821
FOXO3	204131_PM_s_at	1.32637	0.020824
IQSEC3	213834_PM_at	-1.3311	0.020833
ZNF266	214686_PM_at	1.66211	0.020862
HLA-B	208729_PM_x_at	1.72458	0.02089
MYH9	211926_PM_s_at	1.40543	0.021013
ACTN3	206891_PM_at	-1.81273	0.021072
C2CD2	212875_PM_s_at	1.69127	0.021339
NDUFB3	203371_PM_s_at	-1.32699	0.021428
IL6ST	204863_PM_s_at	2.14344	0.02207
HSD3B2	206294_PM_at	-1.37862	0.022213
CTSH	202295_PM_s_at	-1.44027	0.022347
KIAA0513	204546_PM_at	1.45468	0.022356
KLC1	212877_PM_at	1.70596	0.022375
OSBPL6	223805_PM_at	-1.72251	0.022431
BRPF1	204481_PM_at	1.31097	0.022436
XRN1	225814_PM_at	1.28551	0.022495
TMEM181	225127_PM_at	1.87396	0.022526
DOCK2	213160_PM_at	3.40593	0.022528
UBE2J1	217823_PM_s_at	1.6503	0.022555
ARRDC2	226055_PM_at	2.40276	0.022604
PGAM2	205736_PM_at	-1.96788	0.022625
ATP5J	202325_PM_s_at	-1.37479	0.02266
ACOT12	238160_PM_at	-1.69426	0.022668
LOC153328	231372_PM_at	-1.92827	0.022691
ACBD3	202323_PM_s_at	1.35006	0.022726
ARID4B	214139_PM_at	1.2482	0.022773
C14orf43	225980_PM_at	1.29736	0.022788
SIRT4	220047_PM_at	-1.57419	0.022791
LRGUK	244710_PM_at	-1.21659	0.02284
CCNL2	221427_PM_s_at	1.57962	0.022891
CLCN4	205148_PM_s_at	-1.50665	0.022915
HERPUD2	222751_PM_at	1.27958	0.02295
SPATA16	223876_PM_at	-1.26213	0.022971

MDM4	225740_PM_x_at	1.67278	0.023012
SULT1B1	207601_PM_at	-1.30304	0.023048
NR1I3	1570188_PM_at	-1.25928	0.023086
MYC	202431_PM_s_at	1.7601	0.023111
TCF15	207306_PM_at	-1.24932	0.023138
C12orf64	1553746_PM_a_a	-2.76439	0.023141
MED13	201986_PM_at	1.2357	0.023155
CYLD	213295_PM_at	1.34598	0.023689
C9orf119	226027_PM_at	-1.31901	0.023728
BTN3A1	207485_PM_x_at	1.7327	0.023779
ITGB1BP2	219829_PM_at	-1.29844	0.023844
NDUFS3	201740_PM_at	-1.3491	0.024419
MRPS18C	228019_PM_s_at	-1.22767	0.024506
COX6B1	201441_PM_at	-1.27472	0.025112
HLA-F	204806_PM_x_at	1.78972	0.025121
FLVCR1	222906_PM_at	1.32953	0.025204
STXBP1	202260_PM_s_at	1.28131	0.02526
KLRK1	205821_PM_at	2.75988	0.025265
FAM71E1	229289_PM_at	-1.34723	0.025287
DCTN3	204246_PM_s_at	-1.20253	0.025364
SNORA43	1558619_PM_at	-1.21781	0.025432
LOC440957	223899_PM_at	-1.39607	0.025467
TYRP1	205694_PM_at	-4.17663	0.025578
GRM1	207299_PM_s_at	-1.25856	0.025868
BTBD7	220297_PM_at	1.28417	0.025901
MGST2	204168_PM_at	-1.47202	0.026079
FAM38A	202771_PM_at	1.63648	0.026113
C10orf27	1552887_PM_at	-1.22521	0.026167
SMTNL1	230367_PM_at	-1.48398	0.026193
HIGD2A	209329_PM_x_at	-1.23055	0.02622
SRRD	213608_PM_s_at	-1.30988	0.026247
GRIP2	216481_PM_at	-1.26905	0.026282
C1RL	218983_PM_at	1.58471	0.026283
SLC20A1	201920_PM_at	1.65561	0.026314
SSH1	221752_PM_at	1.57504	0.026398
PPP2R5E	203338_PM_at	1.26036	0.026416
DARC	208335_PM_s_at	5.21083	0.026477
RASA2	206636_PM_at	1.61619	0.026537
INPP5D	203331_PM_s_at	1.50966	0.026738
MAEL	229475_PM_at	-1.52132	0.026854
FITM1	229567_PM_at	-1.58329	0.026985
GNB1	200744_PM_s_at	1.24296	0.027091
PTPRC	207238_PM_s_at	4.387	0.027374
C21orf130	240068_PM_at	-1.24104	0.027391
TGFBR2	207334_PM_s_at	1.63432	0.027547
DDX21	208152_PM_s_at	1.30948	0.027614
INSC	237056_PM_at	-1.21985	0.028232

HECA	218603_PM_at	1.77685	0.028346
FRMD7	233047_PM_at	-1.46413	0.02835
STAT3	208991_PM_at	1.56337	0.028538
JAG1	209097_PM_s_at	1.35472	0.029009
ZNHIT1	201541_PM_s_at	-1.29847	0.029315
MLKL	238025_PM_at	2.68807	0.029343
VASP	202205_PM_at	1.90412	0.029408
TRIM22	213293_PM_s_at	2.70673	0.029518
C12orf62	225772_PM_s_at	-1.44632	0.029907
LOC285033	235584_PM_at	-1.2277	0.030062
KPNB1	208974_PM_x_at	1.27905	0.030087
MRPL27	224330_PM_s_at	-1.24	0.030101
KLHL34	1553873_PM_at	-1.3025	0.030102
MRPL40	203152_PM_at	-1.39746	0.030113
PHOX2A	214609_PM_at	-1.21647	0.030126
WASF2	221725_PM_at	1.73586	0.030137
UGT1A10 /// UGT1A7 //	221304_PM_at	-1.23307	0.030149
CSGALNACT2	218871_PM_x_at	1.34473	0.030172
C1orf162	228532_PM_at	3.30606	0.030175
LOC388789	226236_PM_at	-1.2826	0.030186
KLF3	219657_PM_s_at	1.23453	0.030196
POLR21	212955_PM_s_at	-1.35975	0.030231
IGSF5	243027_PM_at	-1.3147	0.030294
NDUFB10	223112_PM_s_at	-1.31556	0.03033
TXNIP	201008_PM_s_at	1.72965	0.030357
FOLR3	206371_PM_at	-1.36134	0.030369
ZNF562	219163_PM_at	1.27033	0.030396
XAF1	206133_PM_at	3.91575	0.030435
C3orf18	219114_PM_at	-1.48257	0.030485
IL7R	205798_PM_at	4.561	0.030485
C14orf156	221434_PM_s_at	-1.2846	0.030493
ATXN1	203231_PM_s_at	1.43639	0.03055
DOCK8	225502_PM_at	1.48593	0.03059
KCNJ3	207141_PM_s_at	-1.52121	0.03065
GBP2	202748_PM_at	2.91617	0.030665
BTBD11	228570_PM_at	-1.34331	0.030678
MRPS24	224948_PM_at	-1.39454	0.030709
CSF2RB	205159_PM_at	3.97281	0.030724
KRT79	1569909_PM_at	-1.23578	0.030726
C10orf11	223703_PM_at	-1.45109	0.030744
IL15RA	207375_PM_s_at	2.57819	0.030783
ADAL	238424_PM_at	-1.45258	0.03079
TMEM87B	225411_PM_at	1.92033	0.030807
NDUFA8	218160_PM_at	-1.30436	0.030811
FBXL21	1553500_PM_at	-1.45325	0.030821
CALML3	210020_PM_x_at	-2.6768	0.030827
SPATS2	218324_PM_s_at	1.55502	0.030827

SLC15A2	205316_PM_at	-1.42456	0.030827
PGM1	201968_PM_s_at	-1.41936	0.03084
C18orf56	228989_PM_at	-2.39106	0.030842
HLA-DRB1 /// HLA-DRB4	204670_PM_x_at	1.827	0.030843
CCND2	200951_PM_s_at	2.16824	0.030846
APBB1IP	219994_PM_at	1.63978	0.030849
TIMM10	218408_PM_at	-1.51102	0.030849
CDC25B	201853_PM_s_at	2.07115	0.030855
LOC113230	1558412_PM_at	-1.54712	0.030867
ATXN7L1	214342_PM_at	-1.75128	0.030873
TNFAIP2	202509_PM_s_at	2.0177	0.030875
HLA-A /// HLA-F /// HLA	217436_PM_x_at	1.62633	0.03089
HLA-DPA1	211990_PM_at	2.20037	0.030927
F11	206610_PM_s_at	-1.63377	0.030967
ZNF559	224518_PM_s_at	1.46787	0.03098
ENOSF1	204142_PM_at	-1.62378	0.031014
CACNA1S	217515_PM_s_at	-1.44485	0.031022
DYNC1LI2	203590_PM_at	1.26374	0.031032
NLRC5	226474_PM_at	2.96228	0.031059
GAD1	205278_PM_at	-1.22076	0.031068
CPNE4	228796_PM_at	-1.31874	0.031077
GALNT10	207357_PM_s_at	1.67242	0.031079
MMAB	225826_PM_at	-1.48194	0.031084
C9orf123	224860_PM_at	-1.2977	0.031094
SLC15A4	225043_PM_at	1.44228	0.031099
RPA3	209507_PM_at	-1.54841	0.031114
SERINC3	211769_PM_x_at	1.35054	0.031133
MAP3K6	219278_PM_at	1.51832	0.031136
DENND5A	212561_PM_at	1.56014	0.03115
HSP90B1	200598_PM_s_at	1.75049	0.031186
ATP2B1	209281_PM_s_at	1.45977	0.031187
ACTG1	211995_PM_x_at	1.24977	0.03119
LYST	203518_PM_at	1.93697	0.031192
CSRP2BP	225432_PM_s_at	-1.28952	0.031201
ACOT9	221641_PM_s_at	1.5971	0.031245
LOC388588	230840_PM_at	-2.58731	0.031263
PARP14	224701_PM_at	1.9651	0.031266
ARHGAP30	226219_PM_at	3.53388	0.03129
SFMBT2	227210_PM_at	1.94189	0.0313
FBLIM1	225258_PM_at	1.75698	0.031319
ESRRB	223858_PM_at	-1.40712	0.031327
MYH6	214468_PM_at	-1.39204	0.031346
GZMA	205488_PM_at	3.15115	0.031346
DNAJC19	225358_PM_at	-1.71829	0.031361
DYNLRB1	217917_PM_s_at	-1.26153	0.031361
CRLF3	205474_PM_at	1.76452	0.031363
PXDNL	241942_PM_at	-1.30242	0.031367

KIAA1245 /// LOC10028	213612_PM_x_at	1.80038	0.031377
MLL	212076_PM_at	1.64857	0.031401
EIF4A1	201530_PM_x_at	1.46992	0.031415
MRPS26	225196_PM_s_at	-1.47355	0.031442
C14orf2	202279_PM_at	-1.33495	0.031476
PSPH	205048_PM_s_at	-1.54002	0.031494
COMMD9	218072_PM_at	-1.26104	0.031512
DDHD1	225965_PM_at	1.49078	0.031546
C2orf64	225409_PM_at	-1.33399	0.031562
TRIM38	203567_PM_s_at	1.43265	0.031586
APOC3	205820_PM_s_at	-2.07986	0.031689
MYH8	206717_PM_at	-3.72806	0.031718
ARHGAP26	205068_PM_s_at	1.48881	0.031735
LOC643037	243803_PM_at	-1.38438	0.031802
CYP46A1	220331_PM_at	-1.88517	0.03182
FOXO1	202723_PM_s_at	1.20881	0.031872
IQGAP1	200791_PM_s_at	1.81403	0.031929
TRIM50	1556554_PM_at	-2.62126	0.031937
CACNB2	207776_PM_s_at	-1.35969	0.031971
DNMT1	201697_PM_s_at	1.80347	0.031999
NFATC2	226991_PM_at	2.56558	0.032013
ANXA13	208323_PM_s_at	-2.10991	0.032023
LASP1	200618_PM_at	1.25221	0.032042
PRMT2	202098_PM_s_at	1.30718	0.032135
ZFP36	201531_PM_at	1.77503	0.032151
MT3	205970_PM_at	-1.25582	0.032162
BIN2	219191_PM_s_at	2.26227	0.032232
NDUFB9	222992_PM_s_at	-1.34798	0.032244
ROGDI	218394_PM_at	-1.93031	0.032251
DHRS7C	230915_PM_at	-1.36899	0.032277
NCRNA00202	231196_PM_x_at	-1.25852	0.03228
SAMHD1	204502_PM_at	3.7209	0.032291
CCL5	1405_PM_i_at	3.76027	0.032307
LOC730236	241471_PM_at	-1.39023	0.03232
YWHAZ	200638_PM_s_at	1.4149	0.032351
MRO	224323_PM_s_at	-4.61969	0.032351
HMX2	244565_PM_at	-2.00773	0.032353
EOMES	231776_PM_at	2.24267	0.032357
GABRB1	207010_PM_at	-1.23587	0.032358
MAP3K8	235421_PM_at	2.06043	0.03237
MYH3	205940_PM_at	-1.54706	0.032381
C9orf84	233504_PM_at	-1.31022	0.032412
ZNF600	242463_PM_x_at	1.3934	0.032423
CCBL1	206037_PM_at	-1.24934	0.032453
USO1	201831_PM_s_at	1.31236	0.032469
LRRK1	219441_PM_s_at	1.49772	0.032473
HLA-DRB1	208306_PM_x_at	1.81103	0.032476

GON4L	218873_PM_at	1.24615	0.032521
CELF2	202156_PM_s_at	2.3762	0.032528
OXT	207576_PM_x_at	-1.62216	0.032592
NCK2	203315_PM_at	1.26355	0.032593
IFT46	218483_PM_s_at	-1.48023	0.032663
ANKDD1A	229497_PM_at	1.88707	0.03271
APOL1	209546_PM_s_at	2.46453	0.032867
C11orf83	229099_PM_at	-1.4161	0.032888
FAM82B	218549_PM_s_at	-1.42791	0.032891
SRPK3	206216_PM_at	-1.31821	0.032937
CBX6	202047_PM_s_at	1.41246	0.032943
CORO1A	209083_PM_at	4.50251	0.033006
GNAQ	202615_PM_at	1.28356	0.033009
HMGNA4	202579_PM_x_at	1.34546	0.033339
COQ10A	225747_PM_at	-1.72232	0.033387
EEF1A2	204540_PM_at	-1.3284	0.033403
LOC257396	236076_PM_at	-1.44563	0.033594
BTBD10	223174_PM_at	1.35217	0.033658
BAZ1A	217985_PM_s_at	2.51008	0.03367
C20orf151	236258_PM_at	-1.33638	0.033676
NFAM1	230322_PM_at	1.20126	0.033689
SP110	208012_PM_x_at	1.92306	0.033713
PADI2	209791_PM_at	-1.52116	0.033735
IDH1	201193_PM_at	-1.70557	0.033737
COX7A2	201597_PM_at	-1.23883	0.033768
IFI44L	204439_PM_at	2.80329	0.033791
NBL1	201621_PM_at	2.18312	0.033791
OXCT1	202780_PM_at	-1.76147	0.033816
KIAA1529	229628_PM_s_at	-1.50744	0.033823
TMEM99	226565_PM_at	-1.55221	0.033827
SLC26A2	205097_PM_at	2.02784	0.033861
LOC284578	1557474_PM_at	-3.16611	0.033975
LOC100130285	1562799_PM_at	-1.20086	0.034045
B2M	216231_PM_s_at	1.98639	0.034051
LOC100287052	235748_PM_s_at	-1.2623	0.034058
TNNI3K	220415_PM_at	-1.73874	0.034059
GIMAP1	236401_PM_at	1.98508	0.034079
NDUFA1	202298_PM_at	-1.28468	0.034101
HCLS1	202957_PM_at	3.52464	0.034112
FSD2	237222_PM_at	-1.39466	0.034121
CTGF	209101_PM_at	1.49207	0.034124
SFRS2IP	206989_PM_s_at	1.40426	0.034129
CORT	210182_PM_at	-1.43203	0.034129
TAP1	202307_PM_s_at	2.48496	0.034133
C11orf66	235402_PM_at	-1.39996	0.034134
LOC100131781	240320_PM_at	-8.06196	0.034135
MYLK	202555_PM_s_at	1.47179	0.034142

TRIM78P	232464_PM_at	-1.29299	0.034162
AFP	204694_PM_at	-1.31345	0.034173
MUTED /// TXNDC5	221253_PM_s_at	1.66556	0.034194
AKAP2 /// PALM2-AKAP	202759_PM_s_at	1.29731	0.034208
ATP2A1	205444_PM_at	-1.46063	0.034208
SSBP4	223226_PM_x_at	1.36427	0.034212
ANXA2	201590_PM_x_at	2.08547	0.03422
C11orf51	204218_PM_at	-1.6198	0.034237
ANKRD12	212286_PM_at	1.4655	0.034299
FAM136A	215947_PM_s_at	-1.25282	0.034305
SAMD9L	226603_PM_at	1.91652	0.034329
S1PR1	204642_PM_at	1.72669	0.03434
CLIC2	213415_PM_at	2.45168	0.034341
MYOF	201798_PM_s_at	2.65019	0.034391
STX2	213434_PM_at	1.65768	0.034418
CD81	200675_PM_at	1.40109	0.034439
PDE4B	203708_PM_at	1.42765	0.034446
CBLB	209682_PM_at	1.65694	0.034462
TGFBR1	224793_PM_s_at	1.34219	0.034482
COL4A2	211964_PM_at	2.0032	0.034493
CAMK2A	207613_PM_s_at	-1.25567	0.034501
PIAS1	217862_PM_at	1.33398	0.034501
TMEM207	237639_PM_at	-4.34051	0.034508
FAM184A	220150_PM_s_at	-1.44424	0.034538
UTP6	218715_PM_at	1.36281	0.034539
LOC400236	227885_PM_at	-1.26993	0.03454
ATP5G3	207507_PM_s_at	-1.31104	0.03454
TSPAN5	209890_PM_at	1.32675	0.034541
DAPP1	219290_PM_x_at	2.00416	0.034543
C11orf92	230956_PM_at	-1.45486	0.034552
HOMER2	217080_PM_s_at	-1.22236	0.034554
CAP1	200625_PM_s_at	1.39757	0.034557
TES	202719_PM_s_at	2.18308	0.034564
HS6ST2	230030_PM_at	-3.36115	0.034572
GP2	206681_PM_x_at	-1.67606	0.034574
CD48	204118_PM_at	2.4305	0.034576
ZDHHC16	223212_PM_at	-1.31405	0.034577
NECAB2	215005_PM_at	-2.62363	0.034582
CLEC12A /// CLEC12B	1552398_PM_a_a	2.07133	0.034585
TCL6	207894_PM_s_at	-1.47788	0.03459
SRGN	201858_PM_s_at	2.64662	0.03459
NFU1	218946_PM_at	-1.24242	0.034592
LRRIQ3	235498_PM_at	-1.20154	0.034594
NDUFC1	203478_PM_at	-1.7729	0.034596
GEMIN6	219539_PM_at	-1.3478	0.034617
TCEA3	226388_PM_at	-1.77818	0.034622
PM20D1	239929_PM_at	-2.63669	0.03463

LPPR1	219732_PM_at	-4.65756	0.034638
SGCA	210632_PM_s_at	-1.30878	0.034643
GPR171	207651_PM_at	2.92398	0.034651
B3GALT4	210205_PM_at	1.43787	0.034682
ANO5	229313_PM_at	-2.04481	0.034682
ZC3H4	213390_PM_at	1.23839	0.035503
NOL8	218244_PM_at	1.38019	0.035595
SLCO3A1	210542_PM_s_at	2.30312	0.035756
EFEMP1	201842_PM_s_at	2.00442	0.035802
XPO6	211982_PM_x_at	1.23679	0.035815
SLC1A3	202800_PM_at	3.21583	0.035833
OGG1	205301_PM_s_at	-1.88866	0.035857
ACSBG2	221716_PM_s_at	-1.48357	0.03589
SLC38A2	218041_PM_x_at	1.55838	0.035899
MS4A7	223343_PM_at	3.32191	0.035913
C19orf46	235515_PM_at	-1.73011	0.035929
RAC2	207419_PM_s_at	3.25082	0.035937
GPCPD1	224826_PM_at	1.66071	0.035946
FKBP11	219117_PM_s_at	2.45823	0.035957
FAM186A	216595_PM_at	-1.21848	0.035958
H3F3B	209069_PM_s_at	1.28653	0.036004
ARFGAP3	202211_PM_at	1.4628	0.036028
ATP5SL	218038_PM_at	-1.3762	0.036031
MRPS34	218112_PM_at	-1.32501	0.036051
MIR21 /// TMEM49	220990_PM_s_at	1.36778	0.03607
CPNE6	210408_PM_s_at	-1.72275	0.036074
MRPS33	218654_PM_s_at	-1.42575	0.036089
CEL	205910_PM_s_at	-1.62606	0.036096
IL4R	203233_PM_at	1.75163	0.036097
TRAPPC5	225870_PM_s_at	-1.28216	0.0361
ZNF512	225050_PM_at	1.33952	0.036121
TMEM47	209655_PM_s_at	1.32658	0.036124
ECSIT	218225_PM_at	-1.67522	0.03614
HEXIM2	238547_PM_at	-1.78091	0.036151
PVALB	205336_PM_at	-4.84889	0.03617
CASP1	206011_PM_at	2.67921	0.036196
FLII	212024_PM_x_at	1.2575	0.036211
VKORC1L1	224881_PM_at	1.34277	0.036213
AS3MT	223652_PM_at	-2.21554	0.03625
NRBP2	225949_PM_at	1.3353	0.036272
SON	201085_PM_s_at	1.29258	0.03628
MYL3	205589_PM_at	-2.31632	0.036292
KIAA0355	203288_PM_at	1.32658	0.036295
ARL4C	202206_PM_at	3.61054	0.036316
ATP2B4	212135_PM_s_at	2.07675	0.036318
LOC727916	1559322_PM_at	-1.33933	0.036323
CBLN3	235221_PM_at	1.65442	0.036324

HCST	223640_PM_at	2.70668	0.03633
RAP1B	200833_PM_s_at	1.3252	0.036333
CYP4F11	206153_PM_at	-1.3148	0.036356
METTL6	232102_PM_at	-1.2174	0.036377
HKR1	231836_PM_at	-1.2215	0.036381
F7	207300_PM_s_at	-1.24647	0.036387
CAV3	208204_PM_s_at	-1.33962	0.0364
SLA	203760_PM_s_at	2.83933	0.036415
DLEU1	205677_PM_s_at	-1.86956	0.036434
CEP110	205642_PM_at	1.81173	0.036439
CDK20	205271_PM_s_at	-1.20543	0.036444
PARP9	227807_PM_at	1.93026	0.036444
ELF4	31845_PM_at	2.39996	0.036452
WWC3	219520_PM_s_at	1.39836	0.036473
C7orf53	239203_PM_at	-1.24201	0.036499
FDX1L	226451_PM_at	-1.32722	0.036499
ISOC2	218893_PM_at	-1.92894	0.036502
MRPL14	225201_PM_s_at	-1.29325	0.036532
EGOT	222314_PM_x_at	-1.88581	0.036535
HEATR1	218594_PM_at	1.26854	0.036539
CCDC142 /// MRPL53	225523_PM_at	-1.37672	0.036552
PITPNB	202522_PM_at	1.27401	0.036561
BTN2A1	203944_PM_x_at	1.55959	0.036567
IER3IP1	211406_PM_at	-1.30839	0.036575
NDUFA3	218563_PM_at	-1.41748	0.036577
CD55	201925_PM_s_at	1.64341	0.036583
LCP1	208885_PM_at	3.298	0.036585
GPR98	223582_PM_at	-4.63342	0.036587
NDUFB8 /// SEC31B	201226_PM_at	-1.38431	0.036589
WWTR1	202132_PM_at	1.25866	0.036589
ZBTB8A	235142_PM_at	1.69949	0.036592
NPDC1	218086_PM_at	1.94778	0.036599
RPL39L	210115_PM_at	1.44488	0.036605
C1orf9	203429_PM_s_at	1.27906	0.036616
ELMOD1	231930_PM_at	-2.06245	0.036626
IL10RA	204912_PM_at	3.50018	0.036628
TNFAIP3	202643_PM_s_at	2.69895	0.036685
EVI2B	211742_PM_s_at	3.98107	0.036691
IL2RB	205291_PM_at	2.42988	0.036693
STAT4	206118_PM_at	2.25886	0.036716
RGS19	204336_PM_s_at	2.58647	0.036726
LOC100287411	230991_PM_at	-1.23395	0.03673
AIDA	220199_PM_s_at	1.52953	0.036735
ZBTB40	203958_PM_s_at	1.35463	0.036742
GBP5	229625_PM_at	2.89971	0.036749
THEM4	229253_PM_at	-1.31098	0.036751
C16orf54	1559584_PM_a_a	3.59918	0.036754

FAM65B	206707_PM_x_at	1.99241	0.036762
C7orf11	225419_PM_at	-1.3352	0.036765
GIMAP2	232024_PM_at	2.58105	0.036776
RALYL	213967_PM_at	-3.66078	0.036797
C1orf50	219406_PM_at	-1.28961	0.036808
MYCBP2	201959_PM_s_at	1.46944	0.036815
NDUFAF3	209177_PM_at	-1.39454	0.036818
DUSP6	208891_PM_at	1.57677	0.036849
SLC7A8	202752_PM_x_at	-2.26599	0.03687
MDFIC	211675_PM_s_at	2.4517	0.036899
LOC100289550	224005_PM_at	-1.23676	0.036947
SMYD1	228406_PM_at	-1.37634	0.036971
CSGALNACT2 /// LOC64	222235_PM_s_at	2.04432	0.036992
CKAP4	200998_PM_s_at	1.72439	0.036993
TTY9A /// TTTY9B	211460_PM_at	-1.31819	0.036994
CPEB3	205773_PM_at	-1.38453	0.037011
ZRSR2	208174_PM_x_at	1.27709	0.037021
C1orf38	207571_PM_x_at	3.26682	0.037022
CCL4	204103_PM_at	3.57645	0.037029
LYN	202625_PM_at	2.65595	0.037038
C1QC	225353_PM_s_at	3.49253	0.037041
LGALS9	203236_PM_s_at	1.68161	0.037042
UQCRCQ	201568_PM_at	-1.31723	0.037045
CRYBB3	207685_PM_at	-1.5606	0.037073
PFKM	210976_PM_s_at	-1.59614	0.037073
KLF4	220266_PM_s_at	2.09026	0.037078
CXCR4	209201_PM_x_at	3.01016	0.037081
HVCN1	226879_PM_at	1.66664	0.037086
BTN3A3	204821_PM_at	1.98642	0.037087
IFI27	202411_PM_at	2.0389	0.037093
PEA15	200787_PM_s_at	1.74052	0.037094
HMHA1	212873_PM_at	2.61728	0.037108
ZDHHC4	220261_PM_s_at	-1.28209	0.037131
SGK494	244547_PM_at	-1.34133	0.037133
C8orf37	244569_PM_at	-1.32654	0.037138
KLF11	218486_PM_at	1.36361	0.03714
C14orf50	237654_PM_at	-1.28345	0.037144
FGF9	206404_PM_at	-2.38489	0.037149
SDHB	202675_PM_at	-1.27373	0.037159
TAOK1	216310_PM_at	1.3107	0.037172
HSPA6	117_PM_at	2.44731	0.037182
ZBTB2	226284_PM_at	1.22608	0.037191
PPRC1	203737_PM_s_at	1.46121	0.037194
PRKCB	207957_PM_s_at	2.42807	0.0372
FAM26F	228362_PM_s_at	2.25388	0.037205
R3HCC1	212866_PM_at	-1.20147	0.037211
IKZF1	205038_PM_at	1.82841	0.037212

SLC26A9	242271_PM_at	-2.51748	0.037216
IFNGR1	202727_PM_s_at	2.0401	0.037218
ATP8B2	216873_PM_s_at	1.74338	0.037219
FLJ42875	231275_PM_at	-2.19435	0.037229
SFTPB	213936_PM_x_at	-1.2474	0.037239
CD8A	205758_PM_at	3.66071	0.037251
ARHGAP25	204882_PM_at	2.44277	0.037254
CDK5RAP3	218740_PM_s_at	1.20589	0.037271
AIM2	206513_PM_at	3.23866	0.037271
PPM1L	228108_PM_at	-1.69451	0.037274
DPP7	224814_PM_at	-1.57788	0.037279
ADRB1	229277_PM_at	-1.30549	0.037281
STAU1	207320_PM_x_at	-1.50107	0.037283
LCP2	205269_PM_at	2.24917	0.037295
ITGAL	213475_PM_s_at	2.26943	0.037297
USE1	219348_PM_at	-1.28446	0.037304
EGF	206254_PM_at	-7.07453	0.037317
SERPING1	200986_PM_at	2.22344	0.037318
LOC100129361	221847_PM_at	-1.2672	0.037331
KIAA1949	224927_PM_at	3.10141	0.037343
QRSL1	218948_PM_at	-1.3574	0.037346
MYO18B	1554579_PM_a_a	-1.2951	0.037362
MOCS2	218212_PM_s_at	-1.47466	0.037374
SLC22A13	207444_PM_at	-1.77103	0.037376
YWHAH	201020_PM_at	1.91176	0.037386
NUP85	218014_PM_at	1.47843	0.037386
RAVER2	231851_PM_at	-1.34229	0.037439
RNF160	215596_PM_s_at	1.23002	0.037441
ZDHHC11	221646_PM_s_at	-1.48287	0.037484
ETV2	215510_PM_at	-1.20725	0.037654
PHLDA2	209803_PM_s_at	2.9343	0.037815
YWHAH	208743_PM_s_at	1.30582	0.037818
MTHFD1L	225520_PM_at	1.66657	0.03784
ATOX1	203454_PM_s_at	-1.43644	0.037847
CASP8	207686_PM_s_at	1.43345	0.037854
SPEN	201996_PM_s_at	1.41534	0.037865
THRB	207044_PM_at	-1.54214	0.037877
SFRP1	202035_PM_s_at	1.86841	0.03788
TNNT2	215389_PM_s_at	-1.34197	0.037881
PRSS2	205402_PM_x_at	-1.34569	0.037923
DUSP22	218845_PM_at	1.43979	0.037955
LAPTM5	201720_PM_s_at	3.89078	0.037956
POLR1C	207515_PM_s_at	-1.20961	0.037959
UQCR11	202090_PM_s_at	-1.284	0.037974
KIAA1274	231887_PM_s_at	1.76764	0.037976
MX2	204994_PM_at	2.89148	0.037985
MRPS22	219220_PM_x_at	-1.29386	0.037998

BRP44L	218024_PM_at	-1.29826	0.038087
C21orf63	227188_PM_at	1.88283	0.03809
ACTN1	208636_PM_at	2.41496	0.0381
WDFY1	224800_PM_at	1.43541	0.038105
MEX3C	218247_PM_s_at	1.2134	0.038111
SRRM1	201224_PM_s_at	1.2013	0.038114
	1-Mar 219574_PM_at	3.29078	0.038132
ZBTB4	225629_PM_s_at	1.23443	0.038295
DSE	218854_PM_at	1.3781	0.038406
DCUN1D5	223151_PM_at	-1.28055	0.038409
SLC6A11	207048_PM_at	-1.23988	0.038647
MRP63	204386_PM_s_at	-1.44664	0.038676
RAB40B	204547_PM_at	-1.65416	0.038681
CLU	208791_PM_at	1.8463	0.038683
BTN3A2	209846_PM_s_at	1.99332	0.038691
WLS	221958_PM_s_at	-1.46645	0.038701
PABPC1 /// RLIM	215823_PM_x_at	1.24361	0.038703
MDP1	228763_PM_at	-1.28549	0.038708
GZMK	206666_PM_at	3.22496	0.038712
GPRIN3	1556698_PM_a_a	1.45019	0.038738
HLA-DQB1	209480_PM_at	2.65671	0.038762
RNF125	207735_PM_at	1.95014	0.038766
MAFF	205193_PM_at	2.9231	0.038769
SLC23A3	230949_PM_at	-2.72663	0.03877
NFKB1	209239_PM_at	1.38631	0.038774
RABGGTB	209180_PM_at	-1.58866	0.038794
PLEKHF1	219566_PM_at	1.99215	0.038806
MPP5	219321_PM_at	-1.30269	0.038816
ZNF217	203739_PM_at	1.33105	0.038816
C10orf140	1559265_PM_at	-1.49596	0.038858
CAMK2B	209956_PM_s_at	-1.20306	0.038882
CD53	203416_PM_at	3.61756	0.03889
BTG1	200920_PM_s_at	1.34828	0.038901
SMPDL3A	213624_PM_at	-1.87486	0.038917
FAM132A	243292_PM_at	-1.77878	0.038954
TMEM123	211967_PM_at	1.387	0.038957
CECR1	219505_PM_at	2.28476	0.038992
NPC1	202679_PM_at	1.77299	0.039
MPZL1	201874_PM_at	1.5978	0.039025
TCF25	213311_PM_s_at	1.23594	0.039029
DLG2	228973_PM_at	-1.2585	0.039061
MIR21	224917_PM_at	2.87235	0.039061
CRISP2	210262_PM_at	-1.31936	0.039064
LOC646268	1568745_PM_at	-1.27951	0.039071
SIRT5	219185_PM_at	-1.22537	0.039077
HLA-DQB1 /// LOC1002!	211656_PM_x_at	2.77657	0.039082
DTX3L	225415_PM_at	2.05245	0.039086

C7orf55	226780_PM_s_at	-1.75492	0.039087
JAK3	207187_PM_at	1.69891	0.039092
ELK4	206919_PM_at	1.89455	0.039093
NRP1	210510_PM_s_at	1.41873	0.039115
NUFIP2	224938_PM_at	1.27798	0.03912
UIMC1	220746_PM_s_at	1.22931	0.03912
COQ5	223114_PM_at	-1.31707	0.039122
ANP32B	201305_PM_x_at	1.34434	0.03914
LOC100303728	239125_PM_at	-1.3847	0.039156
BSND	1552548_PM_at	-1.60283	0.039159
TECRL	241961_PM_at	-1.28707	0.039251
CSGALNACT1	219049_PM_at	1.44442	0.039267
TLR8	220832_PM_at	2.03672	0.039282
SPON2	218638_PM_s_at	2.96509	0.039388
MTF1	205322_PM_s_at	1.24178	0.039399
PSMB9	204279_PM_at	2.31172	0.039442
ZNF791	1553703_PM_at	1.23813	0.039548
CLNK	1562587_PM_at	-1.39113	0.039703
TEP1	205727_PM_at	1.21843	0.039759
CTSS	202901_PM_x_at	3.97631	0.039766
CTSO	203758_PM_at	1.30973	0.039824
NCF1 /// NCF1B /// NCF	204961_PM_s_at	1.67814	0.039869
PECAM1	208981_PM_at	2.28347	0.039891
LOC401397	224723_PM_x_at	-1.23458	0.039917
PTPLAD2	244050_PM_at	1.44887	0.0401
AHR	202820_PM_at	2.23312	0.040107
LNP1	227181_PM_at	-1.4672	0.040114
CRTAM	206914_PM_at	2.14573	0.040144
FBXW7	218751_PM_s_at	1.33392	0.040176
AKNA	225701_PM_at	1.68622	0.040191
TPTE2P2	1556876_PM_s_at	-1.24937	0.040203
GIT2	204982_PM_at	1.58213	0.040212
PLCL1	205934_PM_at	-1.96544	0.040246
RMND5A	212478_PM_at	-1.21743	0.040271
IL4I1 /// NUP62 /// SIGL	214935_PM_at	-1.22987	0.040272
C10orf26	202808_PM_at	1.36677	0.040276
C1QB	202953_PM_at	3.5125	0.040286
STAT6	201331_PM_s_at	1.34069	0.040294
RASSF5	223322_PM_at	1.6634	0.040295
PLEK	203470_PM_s_at	3.7065	0.040336
ANXA2P2	208816_PM_x_at	1.9383	0.040337
CD1D	205789_PM_at	1.86555	0.040344
GDPD3	219722_PM_s_at	-2.8171	0.040344
UBA6	218340_PM_s_at	1.48454	0.040353
KLF8	219930_PM_at	1.34081	0.040373
THBD	203887_PM_s_at	2.18267	0.040379
PRKX /// PRKY	204060_PM_s_at	2.15227	0.040446

DOCK10	215151_PM_at	2.1647	0.040494
GNA12	221737_PM_at	1.30935	0.040497
CRIP3	235720_PM_at	-1.20921	0.040506
KIAA2026	228446_PM_at	1.24511	0.040506
C3orf43	1559429_PM_a_a	-1.31979	0.040544
POLR3B	219459_PM_at	-1.20241	0.040553
IGH@ /// IGHG1 /// IGH	211430_PM_s_at	7.1142	0.040563
HLA-DPB1	201137_PM_s_at	2.2445	0.040568
ABCC1	202804_PM_at	1.41999	0.040581
FABP3	205738_PM_s_at	-2.55599	0.040584
MAN2C1	203668_PM_at	-1.5494	0.040584
C9orf21	227534_PM_at	1.39378	0.040592
RBM20	238763_PM_at	-1.3656	0.040594
SERPINA3	202376_PM_at	5.1193	0.040596
IRF2	203275_PM_at	1.23723	0.040607
FNDC3B	218618_PM_s_at	1.77503	0.040621
C10orf114	1555922_PM_at	-1.60013	0.040621
SMCHD1	212569_PM_at	1.786	0.040625
ZBTB7C	227782_PM_at	1.25337	0.040635
MS4A6A	219666_PM_at	2.80388	0.040639
PLDN	222826_PM_at	1.24793	0.040639
PSMB8	209040_PM_s_at	1.94535	0.040649
ARRB1	218832_PM_x_at	1.66338	0.040653
ETS2	201328_PM_at	1.46409	0.040654
RBM25	212027_PM_at	1.48988	0.040658
JUNB	201473_PM_at	1.71058	0.040678
BIRC3	210538_PM_s_at	2.60996	0.0407
CD3G	206804_PM_at	2.7761	0.040704
CLIP1	201975_PM_at	1.37272	0.040713
FCN1	205237_PM_at	2.96194	0.040747
MRPS36	224302_PM_s_at	-1.51559	0.040768
JUN	201464_PM_x_at	2.05487	0.040795
SYT11	209197_PM_at	1.95488	0.040838
MAST4	210958_PM_s_at	-1.30446	0.040859
FXYS5	218084_PM_x_at	2.96361	0.040866
LBH	221011_PM_s_at	1.37202	0.040871
PPIG	208993_PM_s_at	1.24283	0.040882
APOH	205216_PM_s_at	-5.9025	0.040885
CDK9	203198_PM_at	1.36271	0.040918
COX8A	201119_PM_s_at	-1.45545	0.040948
LY75	205668_PM_at	2.19733	0.040962
NES	218678_PM_at	1.30218	0.040962
MYLK2	231792_PM_at	-1.29154	0.041056
LRRRC10B	236666_PM_s_at	-1.57091	0.041064
TCEA2	203919_PM_at	-1.37418	0.041069
CNOT1	200860_PM_s_at	-1.26094	0.041079
TBC1D8	204526_PM_s_at	1.20481	0.041117

TP73	1554379_PM_a_a	-1.27152	0.041173
RASA3	206220_PM_s_at	1.50826	0.041306
ANKRD32	223542_PM_at	1.3896	0.041309
GLT1D1	229770_PM_at	-1.20899	0.041332
SH2D3C	215639_PM_at	1.41647	0.041347
LRRC43	1553728_PM_at	-2.20481	0.041353
THEMIS	1558971_PM_at	1.70395	0.041358
SRGAP2	213329_PM_at	1.65359	0.041358
TLR2	204924_PM_at	2.1445	0.041359
MIR155HG	229437_PM_at	2.73587	0.04136
C10orf58	224435_PM_at	-1.40402	0.041379
CD52	204661_PM_at	4.28847	0.041385
HSFY1 /// HSFY2	224007_PM_at	-1.24799	0.041391
MYO1F	213733_PM_at	2.56708	0.041402
DEK	200934_PM_at	1.35247	0.041403
MDH1B	238721_PM_at	-1.61056	0.041413
CCDC109B	218802_PM_at	3.40806	0.041415
AMT	204294_PM_at	-1.68096	0.041416
TPCN1	217914_PM_at	-1.46907	0.041428
TRIM55	232721_PM_at	-1.47329	0.04143
CMTM3	224733_PM_at	2.17366	0.04144
EPHA2	203499_PM_at	1.54728	0.041449
TUBA1C	209251_PM_x_at	1.46753	0.041458
STK17B	205214_PM_at	1.52316	0.041458
SLC2A12	235050_PM_at	-1.7758	0.041471
SPATA24	238027_PM_at	-1.39576	0.041472
TMEM132E	243708_PM_at	-1.82784	0.041477
NDUFS8	203189_PM_s_at	-1.4386	0.041488
LSMD1	224512_PM_s_at	-1.20807	0.041506
DDX60L	228152_PM_s_at	1.68854	0.04156
SLC27A3	222217_PM_s_at	1.87704	0.041602
TMEM2	218113_PM_at	1.59832	0.04161
ZNF556	220709_PM_at	-1.24416	0.04161
FAM182A /// FAM182B	216053_PM_x_at	-1.20733	0.041624
TIMM13	218188_PM_s_at	-1.66813	0.04163
ADCY7	203741_PM_s_at	1.83413	0.041644
H2AFB1 /// H2AFB3	214412_PM_at	-1.21807	0.041644
ZNF323	222016_PM_s_at	-1.27545	0.041649
EHBP1L1	221755_PM_at	1.87179	0.041653
ZNFX1	225076_PM_s_at	1.4783	0.041659
SPRY1	212558_PM_at	1.45548	0.04166
C3	217767_PM_at	3.92643	0.041667
PAG1	225622_PM_at	1.87126	0.041671
NHSL1	226490_PM_at	-1.36821	0.041679
SNTA1	203516_PM_at	-2.22568	0.041679
CRABP1	205350_PM_at	-1.59594	0.041685
CCR5	206991_PM_s_at	2.22997	0.041686

CD2	205831_PM_at	3.2994	0.041697
LYSMD2	226748_PM_at	1.33851	0.041697
MAFB	218559_PM_s_at	2.20505	0.041709
AMICA1	228094_PM_at	2.35437	0.041715
GSTM3	202554_PM_s_at	-1.76795	0.041719
PRKD3	211084_PM_x_at	1.40204	0.041726
LYRM5	225469_PM_at	-1.4823	0.041734
RASD1	223467_PM_at	2.48568	0.041735
GOLGA3	202106_PM_at	1.411	0.041739
ACAN	205679_PM_x_at	1.34329	0.041741
CBX4	206724_PM_at	1.21494	0.041747
SCARA3	219416_PM_at	1.5095	0.041749
DBF4	204244_PM_s_at	1.51758	0.041758
ALAD	218487_PM_at	-1.81397	0.041773
KIAA0240	213208_PM_at	1.24933	0.041776
CSF1R	203104_PM_at	2.39347	0.041782
EVI2A	204774_PM_at	3.16079	0.041807
CD74	209619_PM_at	1.80605	0.04181
HLA-A /// LOC441528	215313_PM_x_at	1.33904	0.041812
SELE	206211_PM_at	2.74177	0.041819
RYR1	205485_PM_at	-1.38017	0.041819
ACOT11	214763_PM_at	-1.51706	0.041835
NKAPL	229340_PM_at	-1.23546	0.041897
IFITM3	212203_PM_x_at	1.55396	0.041905
SERTAD2	202656_PM_s_at	1.37871	0.041912
FLJ35390	1558123_PM_at	-1.31797	0.041995
TMEM57	218562_PM_s_at	-1.24036	0.042037
AURKAIP1	218580_PM_x_at	-1.28562	0.042097
ANXA11	206200_PM_s_at	1.33958	0.042098
KHNYN	212355_PM_at	1.3728	0.042119
NDUFS6	203606_PM_at	-1.2946	0.042126
MRPL54	225797_PM_at	-1.31806	0.042137
LOC100128737	228753_PM_at	-1.42525	0.042142
NUDT16L1	224477_PM_s_at	-1.66982	0.042154
IL27RA	205926_PM_at	2.06133	0.042159
PCDHGA11 /// PCDHGA	205717_PM_x_at	1.37129	0.042163
C1orf56	221222_PM_s_at	-1.30619	0.042163
NKG7	213915_PM_at	2.11387	0.042177
FBXL5	209004_PM_s_at	-1.3523	0.042205
PPM1E	205938_PM_at	-1.26529	0.042208
GLRX5	221932_PM_s_at	-1.44935	0.042212
MRPL23	213897_PM_s_at	-1.22394	0.042212
COL4A1	211980_PM_at	2.07842	0.042239
CAST	207467_PM_x_at	1.43874	0.042302
STK10	203047_PM_at	2.00498	0.042311
FHDC1	226599_PM_at	1.38769	0.042339
LIX1L	225793_PM_at	1.28208	0.042345

CBFB	202370_PM_s_at	1.41941	0.042383
SNCG	208584_PM_at	-1.20274	0.042457
CD69	209795_PM_at	3.48166	0.042526
EMB	226789_PM_at	2.88643	0.042572
DOCK11	226875_PM_at	1.99669	0.042581
TUSC2	203272_PM_s_at	-1.28998	0.0426
FAM155A	214825_PM_at	1.4014	0.04261
KLRD1	207796_PM_x_at	1.67607	0.042611
NDUFA5	201304_PM_at	-1.23882	0.042614
BZW1	200777_PM_s_at	1.24207	0.042631
PKIG	202732_PM_at	-1.20287	0.042662
C1orf95	213925_PM_at	-1.20391	0.042665
RBM27	225326_PM_at	1.21906	0.042668
EPM2A	205231_PM_s_at	-1.44958	0.042669
SETD3	212465_PM_at	-1.51453	0.042672
PLA2G4C	209785_PM_s_at	1.30188	0.04269
CARD9	220162_PM_s_at	1.34841	0.042692
CYTIP	209606_PM_at	2.85238	0.042697
LOC730098	230327_PM_at	-1.38827	0.042699
LOC400657	226924_PM_at	-1.47092	0.042699
NOTCH2	202443_PM_x_at	1.64487	0.042703
MRPL48	218281_PM_at	-1.32977	0.042711
SH2B3	203320_PM_at	1.93801	0.042715
FAM111A	218248_PM_at	1.2786	0.042719
GFI1	206589_PM_at	1.30905	0.042724
TRIM27	210541_PM_s_at	1.24138	0.042729
KLK1	216699_PM_s_at	-3.71779	0.042731
IFITM1	201601_PM_x_at	2.00661	0.042734
MYL5	205145_PM_s_at	-1.73196	0.042739
ATG16L2	225883_PM_at	1.62452	0.04274
SAT2	225272_PM_at	-1.92198	0.042741
TRIM7	223694_PM_at	-1.23372	0.04275
KATNAL1	223790_PM_at	1.23977	0.042751
SURF2	205224_PM_at	-1.50324	0.042751
MRPL21	225315_PM_at	-1.33883	0.042753
RCC2	224578_PM_at	1.46689	0.042753
SLAMF7	219159_PM_s_at	1.63019	0.042755
NDEL1	208093_PM_s_at	1.29813	0.042756
PARP8	219033_PM_at	1.95856	0.04276
PREX1	224925_PM_at	1.83497	0.042763
KNTC1	206316_PM_s_at	1.4755	0.042765
CC2D2A	234936_PM_s_at	-1.4961	0.042767
FYB	205285_PM_s_at	2.58164	0.042782
EPHX1	202017_PM_at	-1.76503	0.042798
C6orf132	238028_PM_at	1.32859	0.042799
GCAT	205164_PM_at	-2.22057	0.0428
IGDCC3	230960_PM_at	-1.23912	0.042801

PRR24	227325_PM_at	1.80247	0.042803
ACTR3	200996_PM_at	1.58138	0.042806
LOC100287627	1560817_PM_at	-1.20609	0.042823
EVL	217838_PM_s_at	2.02095	0.042829
APOC2	204561_PM_x_at	-1.20577	0.042832
CD47	211075_PM_s_at	1.82657	0.042834
POFUT1	212349_PM_at	-1.20391	0.042834
CPNE8	228365_PM_at	1.45414	0.042837
FNBP1	212288_PM_at	1.63332	0.042839
C19orf70	225823_PM_at	-1.23848	0.042852
DDX25	219945_PM_at	-1.41229	0.042858
TLR7	220146_PM_at	1.72828	0.042859
PARS2	227348_PM_at	-1.3199	0.04286
ATRX	208859_PM_s_at	1.44171	0.042862
C1orf198	223063_PM_at	1.44224	0.042869
CYP17A1	205502_PM_at	-2.17075	0.042869
NFKBIZ	223217_PM_s_at	2.66498	0.042872
SLC25A30	226782_PM_at	-1.56919	0.042887
IER5L	226552_PM_at	1.46117	0.042889
SNX6	217789_PM_at	1.35262	0.042899
DGCR6 /// DGCR6L	208024_PM_s_at	-1.3627	0.042903
FBN3	240117_PM_at	-1.25113	0.042963
GPATCH8	212485_PM_at	1.46212	0.042968
FUT11	238551_PM_at	1.41122	0.042987
MYOM2	205826_PM_at	-1.98243	0.042996
ACTR2	200727_PM_s_at	1.8176	0.043006
BATF	205965_PM_at	1.32947	0.043082
STC2	203438_PM_at	-1.71317	0.043111
CPA3	205624_PM_at	4.09991	0.043112
RTKN	225150_PM_s_at	-1.20013	0.043128
PRDX4	201923_PM_at	1.38782	0.04313
GIMAP4	219243_PM_at	1.74472	0.043134
CAPZA1	208374_PM_s_at	1.41684	0.043135
NOP16	203023_PM_at	-1.22193	0.043163
IGF2BP1	223689_PM_at	-1.23198	0.043168
DISC1 /// TSNAX-DISC1	206090_PM_s_at	1.49224	0.043195
FMO4	206263_PM_at	-2.93526	0.043207
DGCR8	218650_PM_at	1.23904	0.04321
SLIT3	203812_PM_at	2.43055	0.043262
PHB	200658_PM_s_at	-1.70021	0.043312
SPAG16	219109_PM_at	-1.24347	0.043351
MTL5	219786_PM_at	-1.27739	0.043436
DUSP7	213848_PM_at	1.68506	0.043452
FCN3	205866_PM_at	-1.88782	0.04346
C6orf225	225812_PM_at	-1.34739	0.043491
CDH9	207729_PM_at	-1.44879	0.043491
ASB12	236033_PM_at	-1.35434	0.043506

TRPT1	223436_PM_s_at	-1.70212	0.043509
HLA-DQA1 /// HLA-DQA	212671_PM_s_at	2.37083	0.043517
GOLGA6L4 /// PML	211012_PM_s_at	1.23083	0.043519
TM4SF5	206242_PM_at	-2.91428	0.043522
SNHG12	223773_PM_s_at	1.66568	0.043522
IRF8	204057_PM_at	2.28439	0.043533
TYMP	204858_PM_s_at	2.36274	0.043543
LHX6	219884_PM_at	2.04114	0.043545
BCL2L10	221320_PM_at	-1.31423	0.04355
TLL7	219882_PM_at	1.40648	0.043587
HPS5	204544_PM_at	1.35836	0.043596
TMEM126A	223334_PM_at	-1.24015	0.043649
BTG2	201235_PM_s_at	1.38119	0.043665
NDUFAB1	202077_PM_at	-1.33436	0.043673
C5orf39	227877_PM_at	1.81915	0.043748
CYBB	203922_PM_s_at	3.1811	0.043798
MTHFD2	201761_PM_at	2.69069	0.043822
ANKRD13A	224810_PM_s_at	1.25803	0.043825
BHLHB9	213709_PM_at	-1.5125	0.043853
PLAC8	219014_PM_at	3.50311	0.043877
ANK1	205389_PM_s_at	-1.32227	0.043976
LOC285780	1556365_PM_at	-1.20749	0.04399
TRIM63	236972_PM_at	-2.51421	0.044004
RELL1	226430_PM_at	1.81965	0.044007
LCK	204890_PM_s_at	2.35722	0.044011
FLJ45340 /// FLJ45445 /	225899_PM_x_at	1.50455	0.044017
HCK	208018_PM_s_at	2.56326	0.044038
DCK	203302_PM_at	1.62851	0.044044
CABP1	208320_PM_at	-1.31999	0.044051
C1orf96	225904_PM_at	1.80887	0.044058
PLP2	201136_PM_at	2.08615	0.044158
AXL	202685_PM_s_at	1.77708	0.044169
GCM1	206269_PM_at	-1.40516	0.044175
ANKRD5	220144_PM_s_at	-1.30801	0.044182
FBXO41	221945_PM_at	1.36618	0.044182
FOXD1	206307_PM_s_at	1.56382	0.044183
CYB5R1	202263_PM_at	-1.4947	0.044189
LMOD1	203766_PM_s_at	1.58141	0.044206
ZNF430	206829_PM_x_at	1.61069	0.04421
ICT1	204868_PM_at	-1.36629	0.044248
TNRC6B	213254_PM_at	1.31616	0.04427
ANXA9	210085_PM_s_at	-2.51375	0.044278
TOMM22	222474_PM_s_at	-1.23539	0.044533
LOC148709	1558577_PM_at	-1.38543	0.044538
RASSF2	203185_PM_at	3.55935	0.044558
TUBA1B	201090_PM_x_at	1.46501	0.044619
ASB9	205673_PM_s_at	-2.82516	0.044687

SLPI	203021_PM_at	3.68971	0.044702
MYD88	209124_PM_at	1.4697	0.04471
TPI1	200822_PM_x_at	-1.27171	0.044724
NEURL2	230283_PM_at	-1.39609	0.044724
C6orf105	215100_PM_at	-1.46286	0.04475
VAV1	206219_PM_s_at	2.08573	0.044754
INPP4A	204552_PM_at	1.5123	0.044759
SLC12A6	220740_PM_s_at	-2.62775	0.044764
LOC100133116	1557776_PM_at	-1.73327	0.044766
GTF2E2	202680_PM_at	1.20373	0.044778
VHL	1559227_PM_s_at	1.35407	0.044782
REG1A	209752_PM_at	4.02965	0.04479
TMEM71	238429_PM_at	1.57632	0.04479
KCNA3	207237_PM_at	1.28443	0.04479
SAMM50	201569_PM_s_at	-1.51711	0.044799
C1orf203	236623_PM_at	-1.30551	0.0448
RNF145	226077_PM_at	1.64927	0.044811
HINT2	224415_PM_s_at	-1.75076	0.044814
HS6ST3	229714_PM_at	-1.21058	0.044814
ESYT1	208858_PM_s_at	1.51908	0.044816
ANKRD9	230972_PM_at	-1.24287	0.044816
GBP1	202269_PM_x_at	2.54744	0.044824
UBE2L6	201649_PM_at	1.85593	0.044829
MMP7	204259_PM_at	2.57631	0.044832
MRPL41	221936_PM_x_at	-1.32216	0.044839
FOXJ2	203734_PM_at	1.28815	0.044841
ITGB2	202803_PM_s_at	3.69324	0.044845
LOC100128977	237331_PM_s_at	-1.30211	0.044849
LDLRAD3	234985_PM_at	1.85195	0.044849
LOC285556	236523_PM_at	-2.14955	0.044852
PML	206503_PM_x_at	1.45626	0.044854
SLFN11	226743_PM_at	2.56452	0.044862
ZNF33B	1558586_PM_at	-1.21359	0.044863
OGT	207563_PM_s_at	1.45916	0.044865
ITPR3	201187_PM_s_at	1.90606	0.044869
ARHGDIB	201288_PM_at	1.98569	0.044871
TSPAN12	219274_PM_at	-2.19944	0.044874
BRD3	203825_PM_at	1.32511	0.044878
COL18A1	209081_PM_s_at	1.30334	0.044878
CDC37	209953_PM_s_at	1.34426	0.044879
VSIG4	204787_PM_at	3.71404	0.04488
DDX60	218986_PM_s_at	1.58232	0.04488
HDAC9	205659_PM_at	1.84297	0.044885
ZFP2	207757_PM_at	-1.27613	0.044888
LOC100288099	1556468_PM_at	-1.27758	0.044891
GPR161	206972_PM_s_at	1.23215	0.044897
CRELD2	218358_PM_at	1.46865	0.04491

RTN1	203485_PM_at	1.9976	0.044917
FUT5	211225_PM_at	-1.27853	0.044921
SPATA4	231178_PM_at	-1.32152	0.044927
BDH2	218285_PM_s_at	-1.69385	0.044929
NOD1	221073_PM_s_at	1.54852	0.044931
CCR2	206978_PM_at	1.76203	0.044933
ACAP2	212476_PM_at	1.32465	0.044938
LOC100289210	229291_PM_at	-1.23388	0.044939
CABC1	218168_PM_s_at	-1.34593	0.044946
LOC100289727 /// NCF1	214084_PM_x_at	2.53867	0.044947
PLEKHA5	220952_PM_s_at	-1.98269	0.044948
CMTM7	226017_PM_at	1.40257	0.044949
IL3RA	206148_PM_at	1.98314	0.04495
LOC729013	235010_PM_at	-1.95156	0.044954
TNFRSF1A	207643_PM_s_at	1.55588	0.044958
CCL23	210548_PM_at	1.53609	0.044958
SLC22A1	207201_PM_s_at	-1.43288	0.044961
ZNF136	206240_PM_s_at	1.28011	0.044963
SNRNP25	218493_PM_at	-1.3503	0.044965
GAMT	205354_PM_at	-1.79141	0.04497
GOPC	225022_PM_at	1.29095	0.044975
LOC100129250	221979_PM_at	-1.52276	0.044976
SASH1	213236_PM_at	1.54443	0.044995
ITGAM	205786_PM_s_at	3.54346	0.045002
KCTD12	212188_PM_at	1.84414	0.045019
FAM91A2 /// FLJ39739	1568609_PM_s_at	1.4976	0.04502
ITGA9	206009_PM_at	1.22679	0.04502
CD97	202910_PM_s_at	2.3486	0.045031
C7orf55 /// LUC7L2	226781_PM_at	-1.62609	0.045031
C11orf71	218789_PM_s_at	-1.91932	0.045039
FIS1	218034_PM_at	-1.26518	0.04507
MEST	202016_PM_at	1.49895	0.045082
IFNAR2	204785_PM_x_at	1.50087	0.045118
LOC80054	220465_PM_at	-1.28902	0.045147
HMGXB4	212596_PM_s_at	1.27061	0.045185
FAM36A	224820_PM_at	-1.3877	0.045188
IER2	202081_PM_at	1.47274	0.045195
FAR2	220615_PM_s_at	1.79713	0.045197
FAM54B	224280_PM_s_at	-1.55822	0.045201
PARP12	218543_PM_s_at	1.75305	0.045219
ADAM17	205745_PM_x_at	1.40428	0.045224
MARCKS	201668_PM_x_at	2.64476	0.045227
PLSCR3	218828_PM_at	1.41134	0.045233
SASH3	204923_PM_at	2.56394	0.045236
SELP	206049_PM_at	2.13311	0.045247
CCDC50	225331_PM_at	1.40773	0.045257
HIATL1	223073_PM_at	1.23027	0.045258

USP1	202412_PM_s_at	1.44701	0.04526
NUP50	213682_PM_at	1.38902	0.045265
CUTA	221488_PM_s_at	-1.21794	0.045265
KCNE1	208514_PM_at	-1.57741	0.045268
TCIRG1	204158_PM_s_at	2.71107	0.04529
CCDC51	218722_PM_s_at	-1.54125	0.04531
CMTM6	217947_PM_at	1.39153	0.045323
GPR34	223620_PM_at	2.48308	0.045338
GPR144	216289_PM_at	-1.30239	0.045341
VCAM1	203868_PM_s_at	1.63376	0.045354
INTS8	218905_PM_at	1.35022	0.045369
KLF7	204334_PM_at	1.48612	0.045376
FLG2	1569410_PM_at	-1.24399	0.045399
FCGR2B	210889_PM_s_at	3.37764	0.045404
IRF1	202531_PM_at	2.51637	0.045429
TMEM50A	217766_PM_s_at	1.22205	0.045481
HNRNPR	208765_PM_s_at	1.38948	0.045577
SUCLG1	217874_PM_at	-1.74414	0.045651
FLJ32255	235291_PM_s_at	1.76713	0.045733
MSH3	205887_PM_x_at	-1.62821	0.045755
VWF	202112_PM_at	2.32213	0.045783
SEL1L3	212311_PM_at	1.98204	0.045822
TNFRSF1B	203508_PM_at	2.57934	0.04583
IL17RA	205707_PM_at	1.77973	0.04585
AGXT	206957_PM_at	-2.71861	0.045875
FAM40A	225226_PM_at	1.25824	0.045898
FZD2	210220_PM_at	1.79471	0.045985
HLA-DMA	217478_PM_s_at	2.07895	0.046021
RNF213	225929_PM_s_at	1.73239	0.046021
RARB	205080_PM_at	-1.2893	0.046024
ARAP3	218950_PM_at	1.51008	0.046042
EIF4G1	208624_PM_s_at	1.30959	0.046047
MLL3	222413_PM_s_at	1.55873	0.046081
PLSCR1	202430_PM_s_at	1.67449	0.046092
CST7	210140_PM_at	1.91245	0.046093
NCF2	209949_PM_at	3.03098	0.046125
LOC401068	1557754_PM_at	-1.24125	0.046242
FAM131C	235455_PM_at	-1.23304	0.046319
TRPM6	221102_PM_s_at	-1.20096	0.0464
GRAP	229726_PM_at	1.27762	0.046557
CHAC1	219270_PM_at	-1.39348	0.046566
RENBP	206617_PM_s_at	-2.25295	0.046583
AIF1	207823_PM_s_at	1.94746	0.046585
GPRASP2	228027_PM_at	-1.4509	0.046588
NMNAT3	228090_PM_at	-1.41797	0.046596
	9-Sep 207425_PM_s_at	1.47392	0.046609
LRRC33	235359_PM_at	2.00224	0.046609

ZYG11A	231517_PM_at	-2.3359	0.046618
CYP3A4	205998_PM_x_at	-2.14996	0.04663
PLEKHO2	204436_PM_at	2.11226	0.046633
BLOC1S1	202592_PM_at	-1.50795	0.046645
DCLRE1C	219678_PM_x_at	1.57262	0.046649
GPR65	214467_PM_at	2.17978	0.046654
PGRMC2	201701_PM_s_at	-1.37124	0.046657
CD33	206120_PM_at	2.12004	0.046665
ANKHD1-EIF4EBP3 /// E	214919_PM_s_at	-1.34586	0.046667
STT3A	202223_PM_at	1.25074	0.04667
MORN4	228354_PM_at	-1.45109	0.046671
SYPL2	230611_PM_at	-2.0887	0.046693
SNORD89	235536_PM_at	1.45074	0.0467
NNMT	202238_PM_s_at	3.1719	0.04671
RASA1	202677_PM_at	1.25718	0.046729
BCL6	203140_PM_at	2.05455	0.046733
SLC4A9	224053_PM_s_at	-1.99388	0.046749
ANKRD11	219437_PM_s_at	1.30696	0.046752
SEPP1	201427_PM_s_at	-1.80777	0.046992
CA10	220889_PM_s_at	-1.62262	0.04702
DUSP4	204014_PM_at	1.72962	0.047026
WAS	205400_PM_at	1.4135	0.047026
ANKRD46	212731_PM_at	-1.78192	0.047052
GGCT	215380_PM_s_at	-1.20815	0.047064
CHSY1	203044_PM_at	1.73502	0.047096
LRRC32	203835_PM_at	1.45452	0.047101
LPAR5	230252_PM_at	1.28867	0.047105
ARPC2	207988_PM_s_at	1.36159	0.047106
LYPLA2 /// LYPLA2P1	215568_PM_x_at	-1.31559	0.047141
NCKAP1L	209734_PM_at	2.52328	0.047142
SLC34A3	1552510_PM_at	-1.80963	0.04718
UNC45B	235261_PM_at	-1.48777	0.04718
RFTN1	212646_PM_at	1.37859	0.047185
TIMP2	203167_PM_at	2.04938	0.047205
IL1R1	202948_PM_at	1.78221	0.047212
SLC4A7	207604_PM_s_at	1.55278	0.047234
TIMP1	201666_PM_at	2.81659	0.047234
GOLGA2B	219876_PM_s_at	-1.55177	0.047255
JSRP1	235863_PM_at	-1.28941	0.047256
SYK	207540_PM_s_at	1.45518	0.047275
CLEC4E	219859_PM_at	1.62601	0.047282
RRBP1	201203_PM_s_at	1.44597	0.047305
DEGS1	207431_PM_s_at	1.37106	0.047373
PTPN2	213136_PM_at	1.49472	0.047376
FHIT	206492_PM_at	-1.96393	0.047396
C8orf38	230016_PM_at	-1.32168	0.047398
B9D1	205662_PM_at	-1.68099	0.0474

BCLAF1	201083_PM_s_at	1.56683	0.047403
CISD3	226727_PM_at	-1.68919	0.04741
FAF2	212106_PM_at	1.20295	0.047416
TMSB10	217733_PM_s_at	1.63258	0.047417
PMPCB	201682_PM_at	-1.32059	0.047419
LOC100131096	230526_PM_at	1.42042	0.04742
GIMAP5	218805_PM_at	1.98828	0.047441
BPI	205557_PM_at	-1.97722	0.047441
LYRM1	203897_PM_at	-1.41286	0.047443
P2RY10	214615_PM_at	1.2502	0.047484
MARCKSL1	200644_PM_at	1.77969	0.047499
BICD1	204741_PM_at	1.41777	0.047526
FST	204948_PM_s_at	2.55188	0.047586
USP30	223602_PM_at	-1.43545	0.047598
TACC1	200911_PM_s_at	1.6763	0.047614
FREM1	228233_PM_at	-1.50354	0.04772
SLC25A26	225862_PM_at	-1.3547	0.047727
ATXN7	204516_PM_at	1.24597	0.047732
CARD16 /// CASP1	1552703_PM_s_at	2.29177	0.047746
EHD2	205341_PM_at	2.15008	0.047748
DGCR5	215244_PM_at	-1.36226	0.047758
TNFSF13B	223501_PM_at	3.4842	0.047772
CIITA	205101_PM_at	2.17258	0.047775
SCNN1B	205464_PM_at	-1.66346	0.047779
ISG20	204698_PM_at	3.53802	0.047783
STRA6	221701_PM_s_at	-1.25203	0.047789
CYP1B1	202435_PM_s_at	2.12989	0.04779
ENDOG	204824_PM_at	-1.77072	0.047797
CD93	202877_PM_s_at	1.97263	0.047798
EPSTI1	227609_PM_at	1.76895	0.047803
C17orf75	203830_PM_at	-1.42941	0.047805
C18orf55	223180_PM_s_at	-1.3722	0.047806
RAB31	217762_PM_s_at	2.42667	0.047808
LOC100287576	1558118_PM_at	-1.28266	0.047809
ABCB6	203191_PM_at	-1.23784	0.047813
MMD	203414_PM_at	1.47373	0.04782
TTC21B	220064_PM_at	-1.20025	0.047824
PLCD4	224505_PM_s_at	-1.64279	0.047824
SPRR2G	236119_PM_s_at	-1.21088	0.04783
CCDC134	220077_PM_at	-1.21323	0.047836
SPRYD4	225616_PM_at	-1.82041	0.047844
RPS6KA6	228502_PM_at	-1.39829	0.047844
CSMD1	231223_PM_at	-1.44764	0.047849
IGSF6	206420_PM_at	3.06505	0.047855
MNAT1	203565_PM_s_at	-1.39129	0.047856
LILRB2	207697_PM_x_at	2.4614	0.04786
EP400	212375_PM_at	1.35893	0.04786

MCL1	200796_PM_s_at	1.71858	0.047862
OSCP1	227359_PM_at	-1.47702	0.047884
PMEPA1	217875_PM_s_at	1.8178	0.047885
RGS18	223809_PM_at	1.91446	0.047888
GNA13	224761_PM_at	1.41488	0.0479
SQRDL	217995_PM_at	1.40407	0.047948
FUT4	209892_PM_at	1.64455	0.04797
TMEM14A	218477_PM_at	-1.3204	0.047976
C17orf108	213195_PM_at	-1.38854	0.048008
TMEM38A	222896_PM_at	-1.47897	0.048011
SUSD4	219389_PM_at	-1.42464	0.04804
AIG1	223136_PM_at	-1.31457	0.048121
ARHGAP9	224451_PM_x_at	2.69306	0.048121
IRAK3	213817_PM_at	1.36487	0.048125
PXDN	212012_PM_at	2.76648	0.04814
C17orf61	227063_PM_at	-1.56083	0.048146
DHDH	231416_PM_at	-3.48428	0.048149
TMEM43	217795_PM_s_at	1.37397	0.048152
MGAT1	201126_PM_s_at	1.46114	0.048152
FGL2	204834_PM_at	1.3381	0.048166
SUCLA2	202930_PM_s_at	-1.58691	0.048168
DDB2	203409_PM_at	1.70315	0.048169
NDE1	218414_PM_s_at	1.37003	0.048171
SLC34A1	208177_PM_at	-3.4557	0.048175
TSPAN33	225775_PM_at	-2.1712	0.048181
LAT2	211768_PM_at	1.57983	0.048183
GPC5	207174_PM_at	-3.93169	0.048185
CMC1	228283_PM_at	-1.39072	0.048186
GBE1	203282_PM_at	-1.27203	0.048189
HSPB9	230510_PM_at	-1.24298	0.048189
KIAA1267	225117_PM_at	1.25715	0.04819
DDX58	218943_PM_s_at	1.55455	0.04819
LPAR1	204036_PM_at	2.24631	0.048193
FOXO4	205451_PM_at	-1.24354	0.048194
SERPINA6	206325_PM_at	-3.57644	0.048195
LOC644242	1558404_PM_at	-1.83591	0.048195
A2LD1	232422_PM_at	-2.32092	0.048195
LILRB1	207104_PM_x_at	2.3327	0.048196
TUBB	209026_PM_x_at	1.3786	0.048196
C1orf64	229381_PM_at	-1.44346	0.048197
NLRP1	210113_PM_s_at	1.3739	0.048198
DMRT2	223986_PM_x_at	-1.64115	0.0482
ETS1	214447_PM_at	1.57359	0.048201
AIMP2	202138_PM_x_at	-1.37898	0.048203
C7orf31	229146_PM_at	1.30525	0.048214
MYO1G	227799_PM_at	1.89387	0.048214
NHEDC2	229491_PM_at	1.46112	0.048214

AMDHD1	229596_PM_at	-3.35656	0.048215
PALLD	200897_PM_s_at	1.67441	0.048217
HLA-A	213932_PM_x_at	1.30574	0.048222
CSRP2BP /// PET117	228544_PM_s_at	-1.41532	0.048225
RHOG	203175_PM_at	1.64966	0.048225
NDUFA2	209223_PM_at	-1.23069	0.048225
HSD11B1	205404_PM_at	1.92172	0.048226
EFCAB4B	228752_PM_at	1.95199	0.048227
SPESP1	229352_PM_at	-1.45814	0.04823
CD163	216233_PM_at	1.84254	0.048232
PLEKHO1	218223_PM_s_at	2.43179	0.048233
DENND3	212974_PM_at	1.38332	0.048234
TCEAL2	211276_PM_at	-2.27046	0.048235
PRKRIR	209323_PM_at	1.22788	0.048237
SLC27A5	219733_PM_s_at	-1.23043	0.048237
RAPGEF5	204680_PM_s_at	1.53868	0.048238
WNT5A	205990_PM_s_at	1.8496	0.048239
ENTPD5	205757_PM_at	-2.28871	0.048239
PYCARD	221666_PM_s_at	2.68087	0.048242
MPPED2	205413_PM_at	-1.76675	0.048242
C14orf132	231859_PM_at	1.74675	0.048244
IMPDH1	204169_PM_at	1.65939	0.048246
C8orf55	218500_PM_at	-1.71827	0.048248
CHD4	201182_PM_s_at	1.36053	0.048249
SLC11A1	210422_PM_x_at	1.24081	0.04825
HLA-DMB	203932_PM_at	1.87376	0.048255
UROS	203031_PM_s_at	-1.43413	0.048255
TMEM177	218897_PM_at	-1.39236	0.048257
KIAA1033	212794_PM_s_at	1.35354	0.048259
GSTA3	222102_PM_at	-2.0425	0.048264
LY86	205859_PM_at	2.24815	0.048264
TYROBP	204122_PM_at	2.97155	0.048265
SLC6A19	231021_PM_at	-4.12454	0.048266
HBXIP	202299_PM_s_at	-1.52851	0.048266
IL16	209827_PM_s_at	1.80862	0.048267
NDUFA13 /// YJEFN3	220864_PM_s_at	-1.23942	0.048268
CHCHD7	218642_PM_s_at	-1.22868	0.04827
MYO1C	214656_PM_x_at	1.3643	0.04827
CD86	205685_PM_at	2.05468	0.048273
RGS9BP	1556199_PM_a_a	-1.29711	0.048274
LOC100128511	239894_PM_at	-1.22857	0.048274
ATL3	223452_PM_s_at	1.44461	0.048277
APLN	222856_PM_at	-1.48253	0.048286
SNX12	224684_PM_at	-1.24434	0.048287
NDUFA7	202785_PM_at	-1.39445	0.048288
FERMT3	223303_PM_at	2.43085	0.048288
KLRC1 /// KLRC2	206785_PM_s_at	1.87364	0.04829

NAT8B	206964_PM_at	-3.79087	0.048303
CYTH1	202879_PM_s_at	1.30481	0.048309
ACTB	AFFX-HSAC07/X00	1.26242	0.048312
XCL1 /// XCL2	214567_PM_s_at	2.14086	0.048316
HSD17B14	219113_PM_x_at	-2.79798	0.048318
SUMO1	208761_PM_s_at	-1.26453	0.048322
TRIM10	221627_PM_at	-1.69537	0.048328
TM7SF3	217974_PM_at	-1.61998	0.048339
TLL6	230924_PM_at	-1.42001	0.048339
NGLY1	207492_PM_at	1.28519	0.048348
MRPS15	221437_PM_s_at	-1.27693	0.048352
PPP4R1	201594_PM_s_at	1.28584	0.048368
EDN1	218995_PM_s_at	1.68621	0.048376
BMPR2	209920_PM_at	1.48356	0.048389
CRISPLD2	221541_PM_at	1.99367	0.048395
SMUG1	218685_PM_s_at	-1.24364	0.048399
UGCG	204881_PM_s_at	1.69021	0.04841
APOL3	221087_PM_s_at	1.78247	0.048422
DDAH1	209094_PM_at	-1.83312	0.048429
SFXN1	218392_PM_x_at	-1.84059	0.048451
FPR1	205119_PM_s_at	2.94991	0.048454
KCNJ2	206765_PM_at	1.95536	0.048587
POM121L9P	206819_PM_at	1.80271	0.048603
C10orf10	209182_PM_s_at	1.91962	0.048616
PCP2	244751_PM_at	-1.37646	0.048624
MUC5AC	217182_PM_at	-1.28086	0.048628
TRIM11	226566_PM_at	1.32345	0.048629
NAGK	218231_PM_at	1.44859	0.048632
PSMB10	202659_PM_at	1.77037	0.048633
HSPBAP1	219284_PM_at	1.40434	0.048639
HOOK2	218780_PM_at	-1.40817	0.04864
ARHGAP15	218870_PM_at	2.22366	0.04864
C21orf119	227424_PM_x_at	-1.5729	0.048641
FLJ45340	227129_PM_x_at	1.34025	0.048641
TROVE2	210438_PM_x_at	1.20877	0.048644
GIMAP6	219777_PM_at	1.78514	0.048645
ATP6V1G3	230565_PM_at	-3.14453	0.048645
PNPLA1	1553364_PM_at	-1.69511	0.048649
AFM	206840_PM_at	-5.66246	0.048654
THNSL2	219044_PM_at	-1.90485	0.048654
ANAPC13	209001_PM_s_at	-1.30283	0.048655
NLRC3	236295_PM_s_at	2.27272	0.048662
MRPS12	204330_PM_s_at	-1.29453	0.048663
LOC100287426	1556147_PM_at	-1.22546	0.048667
LOC729887	230591_PM_at	-1.37239	0.048668
STOML2	215416_PM_s_at	-1.40169	0.048678
PEX11G	244126_PM_at	-1.58133	0.048681

LOC100131683	240289_PM_at	-1.24647	0.048684
MRPL34	221692_PM_s_at	-1.42882	0.048688
GATA6	210002_PM_at	1.39967	0.048692
UQCRB	205849_PM_s_at	-1.33053	0.048694
EIF2AK3	218696_PM_at	1.40446	0.048694
SMC5	212926_PM_at	1.36867	0.048697
PHKA1	205450_PM_at	-1.35329	0.048704
SFRS2	200753_PM_x_at	1.21885	0.048706
KCNJ13	210179_PM_at	-1.40633	0.048719
MCAM	209086_PM_x_at	2.19092	0.048727
MRPS18B	208907_PM_s_at	-1.21232	0.048734
ATPAF1	224728_PM_at	-1.57031	0.048736
SLC2A6	220091_PM_at	1.6763	0.048756
GPR183	205419_PM_at	3.02938	0.048771
NFATC2IP	212808_PM_at	1.30014	0.048778
FOLH1B	211303_PM_x_at	-2.76912	0.048781
RNLS	223824_PM_at	-1.88307	0.048808
LDHD	229241_PM_at	-3.21794	0.048872
SELL	204563_PM_at	3.15607	0.048884
C10orf119	217905_PM_at	1.30036	0.0489
PRF1	214617_PM_at	1.71772	0.048905
CDC42SE1	218157_PM_x_at	1.48806	0.048905
LOC400960	227969_PM_at	-1.37527	0.048908
GCDH	203500_PM_at	-2.0152	0.048912
UBE2QL1	226612_PM_at	-2.19078	0.048917
C19orf18	236847_PM_at	-1.25483	0.048923
TTBK1	230191_PM_at	-1.2071	0.049044
LOC645722	228978_PM_at	-1.45592	0.049071
CAMK1D /// LOC283070	226382_PM_at	2.25866	0.049072
RPUSD3	225743_PM_at	-1.22026	0.049096
MTX1	210386_PM_s_at	-1.38294	0.049099
RBL2	212331_PM_at	1.3141	0.049106
ABCC10	213485_PM_s_at	1.35713	0.049111
ALDH9A1	201612_PM_at	-1.35423	0.049123
PNPLA3	220675_PM_s_at	-2.55803	0.049127
VOPP1	208091_PM_s_at	1.6172	0.049146
NAP1L1	204528_PM_s_at	1.39539	0.049146
RCAN3	226272_PM_at	1.76824	0.049157
FAM162A	220942_PM_x_at	-1.36817	0.049167
LAMC1	200770_PM_s_at	1.5821	0.04917
ZSWIM6	226208_PM_at	1.40544	0.049174
FPR3	214560_PM_at	2.06088	0.049177
POLD2	201115_PM_at	-1.46995	0.049188
RNASE6	213566_PM_at	2.79301	0.049197
GNL3	217850_PM_at	1.55246	0.049203
KCNT2	234103_PM_at	2.2079	0.049243
OSTalpha	229230_PM_at	-3.15598	0.049258

PIN4	204571_PM_x_at	-1.27665	0.04929
DGKB	216307_PM_at	-1.2784	0.049311
CD247	210031_PM_at	2.08891	0.049323
ADSSL1	226325_PM_at	-1.73719	0.049323
CYP39A1	220432_PM_s_at	-1.46279	0.049344
PIGP	221689_PM_s_at	-1.2466	0.049358
MR1	207566_PM_at	1.24013	0.049363
CXCL16	223454_PM_at	2.20664	0.049365
UQCR10	218190_PM_s_at	-1.44154	0.04938
NDUFA9	208969_PM_at	-1.31003	0.049401
LOC285733	230716_PM_at	-2.25258	0.049402
SLC25A37	218136_PM_s_at	1.3922	0.049405
C22orf9	212421_PM_at	1.86425	0.049411
AGL	203566_PM_s_at	-1.5554	0.049428
ATPAF2	213057_PM_at	-1.24634	0.049432
	202651_PM_at	1.25129	0.049441
	206753_PM_at	-1.27409	0.049442
	219803_PM_at	-3.38697	0.049453
	201035_PM_s_at	-2.05976	0.049471
	204689_PM_at	1.94749	0.049477
	204149_PM_s_at	-1.68297	0.049479
	225763_PM_at	2.1398	0.04948
	203956_PM_at	1.21503	0.049483
	219167_PM_at	1.73538	0.049487
	218597_PM_s_at	-1.48143	0.049491
	201964_PM_at	1.41373	0.049494
	207700_PM_s_at	1.53559	0.049494
	204954_PM_s_at	-1.22354	0.049496
	203551_PM_s_at	-1.23579	0.049499
	200628_PM_s_at	1.78707	0.0495
	203463_PM_s_at	1.29189	0.049505
	220482_PM_s_at	-1.22974	0.049506
	221039_PM_s_at	2.01352	0.049506
	206500_PM_s_at	1.78778	0.049509
	227383_PM_at	2.10171	0.049513
	226209_PM_at	-1.34064	0.049518
	206047_PM_at	-1.24059	0.04952
	227113_PM_at	-1.64866	0.049522
	200795_PM_at	1.97493	0.049525
	221877_PM_at	1.20088	0.049526
	228080_PM_at	1.87461	0.049526
	202637_PM_s_at	2.42873	0.04953
	209723_PM_at	2.13822	0.049531
	206290_PM_s_at	-1.82651	0.049532
	224916_PM_at	1.8937	0.049532
	202393_PM_s_at	1.54465	0.049534
	213153_PM_at	1.22339	0.049538

206407_PM_s_at	1.71754	0.049539
235219_PM_at	-1.35305	0.04954
208747_PM_s_at	2.5619	0.049541
208692_PM_at	1.22269	0.049559
235006_PM_at	-1.30437	0.04956
204820_PM_s_at	1.81056	0.049582
232745_PM_x_at	-1.40707	0.049607
235488_PM_at	-1.2114	0.049611
212858_PM_at	1.44418	0.04962
220323_PM_at	-1.22187	0.049632
223103_PM_at	-1.85055	0.049653
211422_PM_at	-1.61619	0.049658
218648_PM_at	1.26378	0.049663
207840_PM_at	1.29601	0.049672
224479_PM_s_at	-1.20925	0.049678
204959_PM_at	2.75036	0.049683
201938_PM_at	1.47216	0.049699
210523_PM_at	-1.75101	0.0497
206247_PM_at	1.98008	0.049705
202447_PM_at	-1.39525	0.049706
218988_PM_at	-1.2331	0.049708
242601_PM_at	-2.62972	0.049711
218076_PM_s_at	1.42092	0.049711
203219_PM_s_at	-1.26265	0.049737
207463_PM_x_at	-1.88872	0.049757
223110_PM_at	-1.24612	0.049757
219878_PM_s_at	1.38824	0.049772
220351_PM_at	1.7258	0.049783
203729_PM_at	1.87762	0.049786
209110_PM_s_at	1.34492	0.049791
204880_PM_at	-1.46303	0.049793
225657_PM_at	-1.24677	0.049794
201772_PM_at	1.32647	0.049806
221840_PM_at	1.72329	0.049808
227848_PM_at	-1.51237	0.04981
201040_PM_at	1.65921	0.049815
218339_PM_at	-1.32106	0.049822
203262_PM_s_at	1.22431	0.049822
239462_PM_at	1.2351	0.049841
203663_PM_s_at	-1.47062	0.049867
219202_PM_at	2.0586	0.049869
203563_PM_at	1.41616	0.049872
212274_PM_at	1.23345	0.04988
220052_PM_s_at	1.23206	0.049882
201469_PM_s_at	1.28094	0.049896
232283_PM_at	-1.27832	0.049903
206567_PM_s_at	1.29508	0.049904

209273_PM_s_at	-1.42621	0.049908
212756_PM_s_at	1.33454	0.049911
228375_PM_at	-2.5704	0.049912
218429_PM_s_at	1.55805	0.049918
203056_PM_s_at	1.56924	0.049921
224511_PM_s_at	-1.26266	0.049942
216950_PM_s_at	3.77282	0.049959
222957_PM_at	-1.26754	0.049961
209191_PM_at	2.5244	0.049975

Gene Symbol	Probeset	FoldChanges	FDR
MRO	224323_PM_s_at	-5.77782	6.64209E-10
NECAB2	215005_PM_at	-3.2963	2.94535E-09
PDLIM1	208690_PM_s_at	2.0391	3.33554E-09
TMSB10	217733_PM_s_at	1.80868	3.70365E-09
STAU1	207320_PM_x_at	-1.59308	3.78346E-09
TRIM50	1556554_PM_at	-2.74057	3.79981E-09
POLD3	212836_PM_at	-1.85758	4.14006E-09
MYO7A	208189_PM_s_at	-1.49347	4.16364E-09
ACSBG2	221716_PM_s_at	-1.57784	4.17958E-09
KCNN2	220116_PM_at	-2.488	4.32282E-09
GLTPD2	230971_PM_x_at	-2.28757	4.74975E-09
CRYBB3	207685_PM_at	-1.72469	4.80647E-09
MIR21	224917_PM_at	3.61405	5.02117E-09
SLC2A5	204429_PM_s_at	-3.05277	5.24611E-09
IDH1	201193_PM_at	-1.91442	5.28435E-09
HLA-A	213932_PM_x_at	1.4029	6.17344E-09
KCNE3	222922_PM_at	-1.89522	6.51228E-09
ALPL	215783_PM_s_at	-1.83107	6.55069E-09
GATSL3 /// TBC1D10A	226613_PM_at	-2.50618	8.18834E-09
SLC34A3	1552510_PM_at	-2.1924	1.11056E-08
ATP2C2	206043_PM_s_at	-1.42181	1.14992E-08
NELL1	206089_PM_at	-1.86705	1.19416E-08
CYP3A7	205939_PM_at	-3.73642	1.22287E-08
DIP2C	212503_PM_s_at	-2.22476	1.35994E-08
RXRA	202426_PM_s_at	-1.41699	1.36794E-08
A2LD1	232422_PM_at	-3.16226	1.4214E-08
FLJ35424	1553912_PM_at	-1.69189	1.42583E-08
BAIAP2	205293_PM_x_at	-1.46641	1.45594E-08
GPR98	223582_PM_at	-6.20986	1.46379E-08
ALAD	218487_PM_at	-2.19475	1.46468E-08
LOC100131781	240320_PM_at	-8.94503	1.62767E-08
CCL5	1405_PM_i_at	5.6453	1.75567E-08
SNTA1	203516_PM_at	-2.02007	1.82704E-08
RNF152	1553721_PM_at	-1.59996	1.92332E-08
LGSN	220393_PM_at	-1.77606	2.08434E-08
NFS1	218455_PM_at	-1.89108	2.11543E-08
TAP1	202307_PM_s_at	2.79032	2.26119E-08
PRODH	214203_PM_s_at	-1.73322	2.26429E-08
LOC541471 /// NCRN	225799_PM_at	2.71115	2.65578E-08
HS3ST1	205465_PM_x_at	1.99868	2.77489E-08
CEMP1	222009_PM_at	-1.37661	2.84343E-08
TMEM207	237639_PM_at	-4.83008	3.05301E-08
C8orf55	218500_PM_at	-1.7805	3.05452E-08
DAK	218688_PM_at	-2.6822	3.05925E-08
SLC5A11	237254_PM_at	-3.97053	3.29568E-08
ACOT6	241949_PM_at	-1.66305	3.44453E-08

FAM83D	225687_PM_at	-2.9721	4.14594E-08
AGXT2L1	221008_PM_s_at	-4.41107	4.27813E-08
HLA-DPB1	201137_PM_s_at	2.58888	4.32051E-08
LOC100303728	239125_PM_at	-1.40857	4.33231E-08
FOXRED2	220707_PM_s_at	-1.23995	4.34156E-08
TTR	209660_PM_at	-1.90899	4.36202E-08
SLC22A13	207444_PM_at	-2.04707	4.43218E-08
L2HGDH	220089_PM_at	-2.15505	4.51526E-08
LETM1	218939_PM_at	-1.63531	4.524E-08
PDK2	202590_PM_s_at	-2.29202	4.52788E-08
FITM2	226805_PM_at	-1.62813	4.52988E-08
TOLLIP	217930_PM_s_at	-1.70203	4.55162E-08
CYP3A4	205998_PM_x_at	-2.46825	4.56734E-08
CASP4	209310_PM_s_at	2.09021	4.88859E-08
PKLR	207858_PM_s_at	-2.617	4.90487E-08
C18orf56	228989_PM_at	-2.46579	4.91263E-08
GLRX5	221932_PM_s_at	-1.49676	4.98165E-08
HAO1	220224_PM_at	-1.56665	5.15108E-08
DARC	208335_PM_s_at	5.24981	5.38288E-08
SLC2A4RG	218494_PM_s_at	-1.91079	5.93792E-08
BIRC3	210538_PM_s_at	3.58836	6.12438E-08
C6orf123	207698_PM_at	-1.35858	6.13928E-08
PFKFB2	207931_PM_s_at	-1.7351	6.15794E-08
GZMA	205488_PM_at	4.87143	6.1634E-08
GPT2	224839_PM_s_at	-3.05601	6.19362E-08
IFITM2	201315_PM_x_at	1.74791	6.21857E-08
EVI2B	211742_PM_s_at	4.87903	6.24235E-08
CD3D	213539_PM_at	5.61598	6.26375E-08
AKNA	225701_PM_at	2.03883	6.29661E-08
RAP2B	213923_PM_at	1.59693	6.419E-08
SLC25A30	226782_PM_at	-1.49033	6.52151E-08
CXCL2	209774_PM_x_at	3.92847	6.52233E-08
DOCK2	213160_PM_at	3.62738	6.54687E-08
KCNK10	220727_PM_at	-1.5787	6.62152E-08
C1QB	202953_PM_at	4.48343	6.63927E-08
SPHK2	209857_PM_s_at	-1.57353	6.64362E-08
ELF3	201510_PM_at	3.14527	6.64416E-08
EVI2A	204774_PM_at	3.99555	6.82225E-08
ANK2	202920_PM_at	-2.54465	7.07488E-08
NFKBIZ	223217_PM_s_at	3.61362	7.10226E-08
ACOT11	214763_PM_at	-1.54253	7.62513E-08
ISG20	204698_PM_at	6.16197	7.632E-08
NUDT16L1	224477_PM_s_at	-1.50739	7.64091E-08
GBP2	202748_PM_at	3.24315	7.66353E-08
IFITM1	201601_PM_x_at	2.18959	7.75217E-08
SLC2A12	235050_PM_at	-2.05638	8.33102E-08
GYP A	211820_PM_x_at	-1.40729	8.61596E-08

CARD16	1552701_PM_a_at	3.53272	8.64013E-08
JUN	201464_PM_x_at	2.15663	9.7662E-08
PDXP /// SH3BP1	223290_PM_at	-2.08365	9.87097E-08
CD52	204661_PM_at	5.47105	1.16886E-07
CCDC109B	218802_PM_at	3.29965	1.16888E-07
NFATC2	226991_PM_at	3.1966	1.17719E-07
ARPC2	207988_PM_s_at	1.36179	1.20601E-07
HCST	223640_PM_at	3.36719	1.2428E-07
DUSP9	205777_PM_at	-2.46112	1.31772E-07
ODF3B	235257_PM_at	1.99876	1.33525E-07
PM20D1	239929_PM_at	-2.66156	1.35278E-07
EYA2	209692_PM_at	-1.83097	1.37797E-07
HLA-C	208812_PM_x_at	1.48057	1.38874E-07
PLD1	177_PM_at	-1.7504	1.39054E-07
UPB1	220507_PM_s_at	-3.13765	1.39446E-07
TNNI3K	220415_PM_at	-1.78612	1.39808E-07
AFM	206840_PM_at	-8.87278	1.40806E-07
ACOT8	204212_PM_at	-1.49502	1.41587E-07
ESRRB	223858_PM_at	-1.56976	1.46065E-07
TRIM22	213293_PM_s_at	2.66794	1.49319E-07
RDH12	242998_PM_at	-6.72244	1.53089E-07
HAGH	205012_PM_s_at	-2.4373	1.64115E-07
TYROBP	204122_PM_at	3.07756	1.64525E-07
RNASE6	213566_PM_at	3.49859	1.73532E-07
GALK1	204374_PM_s_at	-1.49291	1.74221E-07
SFXN4	225143_PM_at	-1.52164	1.7456E-07
ECSIT	218225_PM_at	-1.66955	1.74705E-07
MAT2A	200768_PM_s_at	-1.78611	1.7578E-07
C1RL	218983_PM_at	1.81314	1.76486E-07
TM4SF5	206242_PM_at	-3.1833	1.78058E-07
HOPX	211597_PM_s_at	3.71423	1.78722E-07
HIF1A	200989_PM_at	1.57898	1.78918E-07
ASB15	1564679_PM_at	-1.68211	1.7956E-07
PSMB9	204279_PM_at	2.77441	1.7995E-07
RTP4	219684_PM_at	2.66565	1.83698E-07
ATL2	222700_PM_at	-1.36993	1.84846E-07
ASB13	218862_PM_at	-1.89016	1.85818E-07
C1QC	225353_PM_s_at	3.7669	1.85968E-07
EARS2	225993_PM_at	-1.52535	1.86197E-07
C1orf95	213925_PM_at	-1.36746	1.95107E-07
C2orf88	223754_PM_at	-1.86325	1.96538E-07
NAGS	229432_PM_at	-2.74765	1.97992E-07
RAB40B	204547_PM_at	-1.6378	2.01063E-07
MAPT	203928_PM_x_at	-4.18664	2.01417E-07
SPATA17	230763_PM_at	-1.88348	2.03732E-07
VCAM1	203868_PM_s_at	1.91839	2.04692E-07
LOC730091	230780_PM_at	-1.58931	2.08037E-07

XYLB	208318_PM_s_at	-1.46526	2.09039E-07
SLC35B4	225881_PM_at	-1.73185	2.09848E-07
LY96	206584_PM_at	4.24339	2.09905E-07
TPRG1L	224871_PM_at	-1.79658	2.10523E-07
PARP12	218543_PM_s_at	2.04123	2.1134E-07
DNAJA3	205963_PM_s_at	-1.4378	2.13613E-07
HNF4A	208429_PM_x_at	-1.44355	2.14493E-07
LTF	202018_PM_s_at	11.18171	2.18076E-07
CD53	203416_PM_at	3.72222	2.18118E-07
CPNE6	210408_PM_s_at	-1.7854	2.19973E-07
XPO7	208459_PM_s_at	-1.57314	2.31567E-07
ELMOD1	231930_PM_at	-2.09501	2.32035E-07
C1orf163	219420_PM_s_at	-1.52675	2.32387E-07
GPR89A /// GPR89B /	222140_PM_s_at	-2.0325	2.38287E-07
TIMM44	203092_PM_at	-1.50418	2.42937E-07
CAMK2G	212669_PM_at	-1.70932	2.45136E-07
PNPLA3	220675_PM_s_at	-3.39303	2.45772E-07
PSMB10	202659_PM_at	2.09887	2.51827E-07
S100A10	200872_PM_at	1.49269	2.52619E-07
PYCARD	221666_PM_s_at	3.03813	2.52949E-07
C1orf64	229381_PM_at	-1.54561	2.5317E-07
ACADS	202366_PM_at	-1.7164	2.57059E-07
RAC2	207419_PM_s_at	3.02643	2.60409E-07
C16orf54	1559584_PM_a_at	4.30734	2.61136E-07
KIAA1161	231185_PM_at	-1.37839	2.61492E-07
ITPRIP	225582_PM_at	1.68334	2.62748E-07
SLC17A5	221041_PM_s_at	-2.36268	2.64235E-07
AHR	202820_PM_at	1.91946	2.6431E-07
FAM26F	228362_PM_s_at	2.8304	2.65203E-07
TMEM19	219941_PM_at	-1.74538	2.65616E-07
LOC100288809	214399_PM_s_at	-1.24672	2.65694E-07
SLC16A10	219915_PM_s_at	-3.57296	2.66057E-07
C22orf45	237447_PM_at	-2.04261	2.72171E-07
SAMHD1	204502_PM_at	2.83365	2.78399E-07
SCRN3	219234_PM_x_at	-1.24048	2.79087E-07
RASSF5	223322_PM_at	1.85117	2.82203E-07
PSMB8	209040_PM_s_at	2.02942	2.86343E-07
GCDH	203500_PM_at	-2.31707	2.92567E-07
SLC30A8	239983_PM_at	-1.91845	2.93022E-07
FLAD1	205661_PM_s_at	-1.36848	2.94725E-07
ABHD10	218633_PM_x_at	-1.92814	2.96306E-07
ACAD10	219986_PM_s_at	-1.455	3.02121E-07
HRG	206226_PM_at	-3.71669	3.03317E-07
UCK1	223141_PM_at	-1.44746	3.03672E-07
GRAMD1B	212906_PM_at	-2.11884	3.04796E-07
GK3P	215966_PM_x_at	-2.95496	3.24857E-07
CAP1	200625_PM_s_at	1.33585	3.25527E-07

SLC6A19	231021_PM_at	-5.01319	3.26547E-07
SERPING1	200986_PM_at	2.55208	3.28008E-07
TBC1D13	218596_PM_at	-1.7631	3.3043E-07
CASP1	206011_PM_at	3.11511	3.34629E-07
IGLL1 /// IGLL3 /// LO	215946_PM_x_at	7.20429	3.35353E-07
CXCL16	223454_PM_at	2.36458	3.35746E-07
CD2	205831_PM_at	4.63004	3.3697E-07
RNLS	223824_PM_at	-2.39741	3.4008E-07
CSF2RB	205159_PM_at	4.49236	3.40607E-07
HLA-DRB1	208306_PM_x_at	1.82831	3.40872E-07
APCDD1L	235548_PM_at	-1.47108	3.42231E-07
GYPA /// GYPB	205837_PM_s_at	-1.61126	3.47436E-07
CLEC2B	209732_PM_at	1.98629	3.51946E-07
VEGFA	210512_PM_s_at	-2.05876	3.52753E-07
C1QTNF7	223877_PM_at	-1.70174	3.56245E-07
METTLL11A	223368_PM_s_at	-1.40801	3.57187E-07
DHODH	213631_PM_x_at	-1.31984	3.58525E-07
APOH	205216_PM_s_at	-7.04818	3.59815E-07
ALB	211298_PM_s_at	-10.66795	3.63328E-07
MAFF	205193_PM_at	2.51857	3.75099E-07
GNPDA1	202382_PM_s_at	-1.82836	3.77352E-07
CCDC150	232398_PM_at	-2.01573	3.77533E-07
NCF4	205147_PM_x_at	2.46266	3.78191E-07
ATPAF1	224728_PM_at	-1.59091	3.80209E-07
TLN2	212701_PM_at	-2.87139	3.80944E-07
MSH3	205887_PM_x_at	-1.7516	3.87862E-07
IGH@ /// IGHG1 /// IC	211430_PM_s_at	14.57657	3.99576E-07
PHB	200658_PM_s_at	-1.81658	4.00141E-07
SMPDL3A	213624_PM_at	-2.22127	4.01177E-07
SASH3	204923_PM_at	3.42855	4.01685E-07
LOC644090	238319_PM_at	-1.59679	4.05831E-07
HADH	201035_PM_s_at	-2.55315	4.07154E-07
CTSL2	210074_PM_at	-3.68673	4.07716E-07
VEGFB	203683_PM_s_at	-1.43818	4.1278E-07
DHRS11	218756_PM_s_at	-1.9424	4.20576E-07
F11	206610_PM_s_at	-1.69221	4.21718E-07
GK /// GK3P	216316_PM_x_at	-2.39195	4.23236E-07
BATF3	220358_PM_at	1.6998	4.27747E-07
UBE2QL1	226612_PM_at	-2.58009	4.29716E-07
IRF1	202531_PM_at	2.8868	4.331E-07
PINK1	209018_PM_s_at	-1.62349	4.338E-07
SLPI	203021_PM_at	5.80458	4.35088E-07
GPT	206709_PM_x_at	-1.78493	4.40691E-07
SLC25A10	218275_PM_at	-2.96673	4.40763E-07
SLC46A1	1552278_PM_a_at	-1.38802	4.41064E-07
CNNM2	206818_PM_s_at	-1.56817	4.42585E-07
SETD3	212465_PM_at	-1.6267	4.44269E-07

KCNT2	234103_PM_at	2.6299	4.44443E-07
LAMC2	202267_PM_at	1.61178	4.45396E-07
MYO1F	213733_PM_at	2.47684	4.45682E-07
HLA-DMB	203932_PM_at	2.14951	4.50705E-07
OPLAH	222025_PM_s_at	-1.68656	4.51258E-07
SDHA	201093_PM_x_at	-1.53564	4.51516E-07
IDH2	210045_PM_at	-2.06884	4.53385E-07
ACSL5	218322_PM_s_at	2.2606	4.58531E-07
PLCL1	205934_PM_at	-2.22869	4.59676E-07
TMEM173	224916_PM_at	2.27218	4.65397E-07
HLA-DPA1	211990_PM_at	2.34874	4.6681E-07
ARHGAP30	226219_PM_at	3.34673	4.67292E-07
C8orf82	226710_PM_at	-1.77645	4.67504E-07
EGF	206254_PM_at	-5.75249	4.73E-07
RENBP	206617_PM_s_at	-2.20613	4.73867E-07
OGFOD2	219245_PM_s_at	-1.51061	4.96302E-07
KLK1	216699_PM_s_at	-4.03072	5.01671E-07
IVD	203682_PM_s_at	-2.13827	5.08903E-07
DSCR3	203635_PM_at	-1.32101	5.20421E-07
CYP4V2	226745_PM_at	-1.67286	5.21493E-07
FERMT3	223303_PM_at	2.60251	5.33637E-07
C21orf63	227188_PM_at	2.0075	5.34566E-07
MPP1	202974_PM_at	-1.64985	5.35025E-07
CLU	208791_PM_at	2.1955	5.35534E-07
SLC2A11	232167_PM_at	-1.59658	5.36146E-07
XCL1	206366_PM_x_at	3.59679	5.36345E-07
APOBEC3G	204205_PM_at	1.95005	5.36687E-07
MOCS1	211673_PM_s_at	-1.4835	5.3803E-07
GRPEL1	212432_PM_at	-1.82749	5.42507E-07
CSF1R	203104_PM_at	2.68138	5.4262E-07
LDHD	229241_PM_at	-3.41204	5.4435E-07
HLA-DRB6	217362_PM_x_at	1.6872	5.44452E-07
MFSD3	227296_PM_at	-1.58298	5.47812E-07
ATXN7L1	214342_PM_at	-1.83509	5.48806E-07
GK	207387_PM_s_at	-3.17628	5.63298E-07
CDH3	203256_PM_at	2.32589	5.64145E-07
DDO	207418_PM_s_at	-2.11259	5.6419E-07
CD69	209795_PM_at	4.01927	5.66468E-07
NLRC5	226474_PM_at	3.45429	5.69397E-07
KLRK1	205821_PM_at	3.55084	5.70912E-07
ISOC1	218170_PM_at	-1.57035	5.71383E-07
GMFG	204220_PM_at	2.80193	5.72458E-07
PEX11G	244126_PM_at	-1.57276	5.96788E-07
CD48	204118_PM_at	3.23703	5.97342E-07
SELENBP1	214433_PM_s_at	-1.66953	5.98402E-07
PRLR	206346_PM_at	-1.77954	5.99756E-07
MYC	202431_PM_s_at	1.5156	6.06602E-07

CARD16 /// CASP1	1552703_PM_s_at	3.22111	6.11519E-07
NEFH	204412_PM_s_at	-1.60503	6.14358E-07
TRIM10	221627_PM_at	-1.89222	6.17573E-07
MCCC1	218440_PM_at	-1.70308	6.19476E-07
QPCT	205174_PM_s_at	2.4721	6.20791E-07
HLA-DRB1 /// HLA-DR	204670_PM_x_at	1.82494	6.21335E-07
KCNK6	223658_PM_at	2.05112	6.21345E-07
SLC25A44	212683_PM_at	-1.57285	6.22351E-07
ZFAT	226564_PM_at	-1.46437	6.22826E-07
HCP5	206082_PM_at	2.66267	6.38456E-07
FBXO21	212229_PM_s_at	-1.75633	6.44194E-07
ESRRA	1487_PM_at	-1.66199	6.53263E-07
ZYG11A	231517_PM_at	-2.96015	6.7735E-07
TCIRG1	204158_PM_s_at	2.61114	6.79506E-07
BTD	204167_PM_at	-1.97678	6.86767E-07
ACAT1	205412_PM_at	-1.92648	6.88155E-07
GSTM4	204149_PM_s_at	-1.76049	6.93684E-07
TNFAIP3	202643_PM_s_at	2.62866	6.97725E-07
RAB11FIP5	210879_PM_s_at	-1.81096	6.97934E-07
TRPM3	211422_PM_at	-1.69355	6.98538E-07
PPAPDC1A	236044_PM_at	-2.24656	7.04107E-07
TNFAIP2	202509_PM_s_at	1.79758	7.11253E-07
SLC4A9	224053_PM_s_at	-2.21866	7.11886E-07
USP2	207211_PM_at	-2.81646	7.1251E-07
IL15RA	207375_PM_s_at	2.20559	7.3339E-07
TACO1	221069_PM_s_at	-1.40719	7.36718E-07
C9orf68	237363_PM_at	1.36771	7.37386E-07
ALDH3A2	202053_PM_s_at	-2.16848	7.37949E-07
SUSD2	227480_PM_at	-3.02275	7.45111E-07
GBP5	229625_PM_at	3.64085	7.45435E-07
SAMD9L	226603_PM_at	2.34632	7.46268E-07
GBP3	223434_PM_at	2.0246	7.46312E-07
SCRN2	225513_PM_at	-1.8975	7.47335E-07
LCP1	208885_PM_at	2.4864	7.48457E-07
GAL3ST1	205670_PM_at	-2.45007	7.4992E-07
IGK@ /// IGKC /// LOC	215176_PM_x_at	15.28466	7.52111E-07
IL10RA	204912_PM_at	4.05928	7.65519E-07
LOC153328	231372_PM_at	-2.02801	7.68483E-07
PANK1	226649_PM_at	-2.99623	7.69359E-07
SH3RF3	228461_PM_at	1.49289	7.71398E-07
ELK3	221773_PM_at	1.87167	7.72866E-07
FRMD3	229893_PM_at	-2.23989	7.87787E-07
IGSF6	206420_PM_at	3.57865	7.8787E-07
BTN3A2 /// BTN3A3	204820_PM_s_at	2.09388	7.89305E-07
NNMT	202238_PM_s_at	3.2192	7.9583E-07
AMT	204294_PM_at	-1.75431	8.05988E-07
VCAN	204619_PM_s_at	4.64634	8.11651E-07

SIRT4	220047_PM_at	-1.50647	8.135E-07
C9orf103	227865_PM_at	-2.48642	8.14324E-07
CDKL1	207766_PM_at	-1.77169	8.20989E-07
TFPI2	209277_PM_at	3.57742	8.33096E-07
MCART1	232092_PM_at	-1.32986	8.35637E-07
GAMT	205354_PM_at	-2.11822	8.37065E-07
CLPTM1	211136_PM_s_at	-2.39969	8.47629E-07
LOC145837	239594_PM_at	-5.08838	8.47667E-07
IGJ	212592_PM_at	10.44434	8.49282E-07
AFG3L2	202486_PM_at	-1.56339	8.62957E-07
HLA-E	200904_PM_at	1.60694	8.66356E-07
C1orf38	207571_PM_x_at	2.89871	8.6878E-07
RAB11FIP3	203933_PM_at	-3.08087	8.74918E-07
LCP2	205269_PM_at	2.53739	8.76677E-07
ACAA2	202002_PM_at	-1.7199	9.05607E-07
ITGAM	205786_PM_s_at	2.97656	9.0677E-07
CYTIP	209606_PM_at	3.67436	9.08841E-07
C19orf6	212574_PM_x_at	-1.23207	9.28994E-07
SLC12A3	208354_PM_s_at	-3.48163	9.30847E-07
GLI3	205201_PM_at	-1.72389	9.31903E-07
MDH2	209036_PM_s_at	-1.51202	9.34723E-07
TUBA1A	209118_PM_s_at	1.82548	9.36896E-07
OSTalpha	229230_PM_at	-3.75615	9.4079E-07
PLAC8	219014_PM_at	4.5363	9.42277E-07
HS6ST3	229714_PM_at	-1.25295	9.42758E-07
SYT11	209197_PM_at	1.844	9.42991E-07
PNPO	218511_PM_s_at	-1.9861	9.44745E-07
C1orf162	228532_PM_at	3.22982	9.47383E-07
MX2	204994_PM_at	2.75926	9.49613E-07
PGPEP1	219891_PM_at	-1.94566	9.49653E-07
UGT1A10 /// UGT1A7	221304_PM_at	-1.25489	9.49689E-07
VSNL1	203797_PM_at	-1.47993	9.62978E-07
TIMP1	201666_PM_at	2.53152	9.66122E-07
WDR18	209461_PM_x_at	-1.62295	9.67142E-07
PTGER3	208169_PM_s_at	-3.05185	9.67389E-07
EMX1	215264_PM_at	-1.42539	9.77422E-07
SHBG	215689_PM_s_at	-1.59594	9.7847E-07
PET112L	204300_PM_at	-1.75395	9.82394E-07
HS6ST2	230030_PM_at	-3.11173	9.84002E-07
BAZ1A	217985_PM_s_at	2.33579	9.85709E-07
GLYCTK	238518_PM_x_at	-2.1776	9.89292E-07
HLA-F	204806_PM_x_at	1.88563	9.90281E-07
CRABP1	205350_PM_at	-1.61247	9.9308E-07
PARVG	223562_PM_at	2.2665	1.01189E-06
KLRB1	214470_PM_at	3.85078	1.03027E-06
IGK@ /// IGKC /// IGK	211644_PM_x_at	10.46548	1.04011E-06
IGLV2-23 /// LOC1002216984	_PM_x_at	13.56953	1.04167E-06

POU2AF1	205267_PM_at	3.00913	1.04304E-06
LOC100289727 /// NC	214084_PM_x_at	2.75913	1.05177E-06
AQP7	206955_PM_at	-2.42342	1.05229E-06
KLRAQ1	1553955_PM_at	-1.61987	1.06E-06
GPR171	207651_PM_at	3.99381	1.06007E-06
BSND	1552548_PM_at	-1.54516	1.06021E-06
SLC23A3	230949_PM_at	-3.0154	1.06276E-06
GIMAP2	232024_PM_at	2.72591	1.0645E-06
ACOT4	229534_PM_at	-2.82992	1.0658E-06
ARHGAP9	224451_PM_x_at	3.69146	1.06614E-06
SLC25A33	223296_PM_at	-1.96953	1.06777E-06
CORO1A	209083_PM_at	4.49949	1.06803E-06
MAP2K3	207667_PM_s_at	-1.55238	1.07074E-06
ALDH5A1	203608_PM_at	-2.03838	1.07169E-06
CCDC90A	220094_PM_s_at	-1.97272	1.07184E-06
SLC2A3	202497_PM_x_at	2.05011	1.07434E-06
PTGES2	218083_PM_at	-1.49075	1.07438E-06
C3orf18	219114_PM_at	-1.40296	1.08047E-06
HLA-DOB	205671_PM_s_at	2.93204	1.09998E-06
SLC39A8	209266_PM_s_at	-1.40266	1.10141E-06
NDUFC1	203478_PM_at	-1.73762	1.10299E-06
CSTA	204971_PM_at	3.70646	1.1044E-06
GAB3	228410_PM_at	1.95827	1.10474E-06
FRMD7	233047_PM_at	-1.60191	1.10614E-06
ANKS4B	239087_PM_at	-1.52255	1.1114E-06
MPEG1	226818_PM_at	3.1995	1.11415E-06
C21orf33	202217_PM_at	-2.48397	1.11551E-06
AMN	220989_PM_s_at	-2.43649	1.11618E-06
SLC12A6	220740_PM_s_at	-2.75423	1.1188E-06
PNPLA1	1553364_PM_at	-1.8036	1.11948E-06
CRADD	209833_PM_at	-1.88934	1.11992E-06
SURF6	225038_PM_s_at	-1.47432	1.12116E-06
OXER1	1553222_PM_at	-1.56029	1.12133E-06
PLEKHA5	220952_PM_s_at	-2.16409	1.12224E-06
ISOC2	218893_PM_at	-2.31449	1.12241E-06
STAT1	AFFX-HUMISGF3A/M!	2.283	1.12254E-06
LOC729887	230591_PM_at	-1.36334	1.13228E-06
CDHR5	220074_PM_at	-3.38937	1.14005E-06
FMO5	205776_PM_at	-1.70653	1.14105E-06
LOC100287428	235758_PM_at	-2.29072	1.14146E-06
SERPINA3	202376_PM_at	7.70709	1.14186E-06
LOC100130100 /// LO	217378_PM_x_at	12.01166	1.15278E-06
AP1M1	223024_PM_at	-1.67924	1.1533E-06
ARHGAP25	204882_PM_at	2.69573	1.15674E-06
ARSF	214490_PM_at	-2.50116	1.15944E-06
IL7	206693_PM_at	2.14051	1.16057E-06
FXYD5	218084_PM_x_at	3.39901	1.16956E-06

UCKL1	218533_PM_s_at	-1.32909	1.17088E-06
	1-Mar 219574_PM_at	2.98608	1.17565E-06
ASB9	205673_PM_s_at	-3.71218	1.17646E-06
ETFDH	205530_PM_at	-2.20465	1.17926E-06
FBXO31 /// LOC10028	219785_PM_s_at	-1.5787	1.18204E-06
ACOT7	208002_PM_s_at	-2.73056	1.1939E-06
IL7R	205798_PM_at	5.02472	1.19402E-06
LOC727944	231256_PM_at	-3.97175	1.19484E-06
ACAD11 /// NPHP3	225573_PM_at	-2.08674	1.20086E-06
RGS19	204336_PM_s_at	2.83584	1.20088E-06
DCI	209759_PM_s_at	-1.61521	1.23083E-06
DDX60L	228152_PM_s_at	1.62361	1.24213E-06
SUCLG2	212459_PM_x_at	-1.54008	1.24786E-06
NFE2L3	204702_PM_s_at	1.834	1.25253E-06
CABP1	208320_PM_at	-1.31445	1.27819E-06
GPR183	205419_PM_at	3.31688	1.28859E-06
HSPB9	230510_PM_at	-1.27582	1.28921E-06
BST1	205715_PM_at	-1.60396	1.28938E-06
DENND1A	219763_PM_at	-1.46959	1.28957E-06
FCGR2A	203561_PM_at	2.89225	1.28989E-06
FCHSD2	203620_PM_s_at	1.42946	1.29943E-06
LCK	204890_PM_s_at	3.15116	1.30179E-06
HACL1	223211_PM_at	-1.57872	1.3044E-06
PXDN	212012_PM_at	2.51544	1.30737E-06
MRPS12	204330_PM_s_at	-1.41219	1.308E-06
FCER1G	204232_PM_at	3.24903	1.30825E-06
ADA	204639_PM_at	1.87419	1.31642E-06
LOC100287723	217480_PM_x_at	9.59846	1.3172E-06
CCR2	206978_PM_at	1.98872	1.31908E-06
PSME2	201762_PM_s_at	1.53345	1.32487E-06
C6orf108	204238_PM_s_at	-2.12238	1.33705E-06
SERPINA6	206325_PM_at	-4.49746	1.33946E-06
CYP2B6	206755_PM_at	-1.87609	1.34128E-06
CTSS	202901_PM_x_at	3.35657	1.34407E-06
ANXA1	201012_PM_at	1.84308	1.36065E-06
XCL1 /// XCL2	214567_PM_s_at	3.65206	1.3746E-06
HSD17B14	219113_PM_x_at	-2.79194	1.37586E-06
DISC1 /// TSNAX-DISC	206090_PM_s_at	1.64184	1.37881E-06
SAT2	225272_PM_at	-2.03406	1.38072E-06
GCHFR	204867_PM_at	-2.14095	1.38419E-06
BPHL	205750_PM_at	-3.07079	1.39205E-06
ST13	207040_PM_s_at	-1.40174	1.39484E-06
LAPTM5	201720_PM_s_at	3.40046	1.39604E-06
SLAMF8	219385_PM_at	2.92792	1.39681E-06
PSAT1	220892_PM_s_at	-3.38755	1.40088E-06
KCNJ3	207141_PM_s_at	-1.47277	1.4039E-06
ACADM	202502_PM_at	-1.93343	1.4076E-06

CALML3	210020_PM_x_at	-2.65969	1.41438E-06
ACADSB	205355_PM_at	-2.71641	1.41532E-06
RPGR	207624_PM_s_at	1.68327	1.41561E-06
FDX1	203646_PM_at	-1.827	1.4174E-06
HIBCH	203711_PM_s_at	-2.3304	1.41778E-06
ARL4C	202206_PM_at	3.40482	1.41784E-06
FGGY	219718_PM_at	-1.53902	1.41803E-06
ELF4	31845_PM_at	2.23591	1.42064E-06
IFITM3	212203_PM_x_at	1.58625	1.4364E-06
LY86	205859_PM_at	3.0606	1.43726E-06
MIR155HG	229437_PM_at	3.80605	1.438E-06
P2RY13	220005_PM_at	2.59775	1.43806E-06
TMEM132E	243708_PM_at	-1.99961	1.46188E-06
CIITA	205101_PM_at	2.58571	1.48693E-06
PTPRE	221840_PM_at	1.72912	1.48982E-06
LOC652493	216401_PM_x_at	10.23486	1.49244E-06
ROGDI	218394_PM_at	-1.81476	1.49277E-06
TLR7	220146_PM_at	1.67667	1.50047E-06
RNF213	225929_PM_s_at	2.20804	1.50101E-06
KNG1	206054_PM_at	-3.77586	1.50169E-06
CTSL1	202087_PM_s_at	-1.34387	1.51427E-06
CXCL1	204470_PM_at	5.27176	1.5257E-06
TNFSF13B	223501_PM_at	3.49408	1.54258E-06
VWF	202112_PM_at	2.18648	1.54638E-06
SFXN2	227560_PM_at	-2.97388	1.54816E-06
PTMA	200772_PM_x_at	1.32664	1.54855E-06
GDPD3	219722_PM_s_at	-2.70995	1.54944E-06
PLA2G12B	224411_PM_at	-2.99183	1.5507E-06
G6PC	206952_PM_at	-4.48785	1.55262E-06
C9orf167	219620_PM_x_at	1.41151	1.55491E-06
DNAJC4	206781_PM_at	-1.30302	1.56652E-06
CST7	210140_PM_at	3.00421	1.56903E-06
ETFA	201931_PM_at	-1.82311	1.57045E-06
LOC644242	1558404_PM_at	-2.41348	1.57131E-06
SLC3A2	200924_PM_s_at	-2.26092	1.57252E-06
B3GNT1	203188_PM_at	-1.66664	1.57457E-06
LYPLAL1	226851_PM_at	-1.56619	1.5759E-06
HCLS1	202957_PM_at	3.63544	1.57788E-06
LST1	210629_PM_x_at	2.91191	1.58049E-06
FECH	203115_PM_at	-1.84993	1.58654E-06
TPCN2	229250_PM_at	-1.67803	1.58707E-06
PLP2	201136_PM_at	2.21586	1.58751E-06
PHF7	215622_PM_x_at	-1.24705	1.58901E-06
RPL12	214271_PM_x_at	1.2739	1.5974E-06
CTH	206085_PM_s_at	-2.54153	1.59984E-06
FAM54B	224280_PM_s_at	-1.74865	1.62667E-06
NDRG2	206453_PM_s_at	-1.78896	1.63225E-06

DENND3	212974_PM_at	1.39659	1.66023E-06
FLJ42875	231275_PM_at	-2.43314	1.66347E-06
ANGPTL3	219803_PM_at	-4.17378	1.67043E-06
MGC29506	221286_PM_s_at	7.25646	1.68158E-06
KLKB1	206541_PM_at	-1.73631	1.70546E-06
PVALB	205336_PM_at	-4.42056	1.72128E-06
GPD1	204997_PM_at	-2.35837	1.75753E-06
FPR3	214560_PM_at	1.76071	1.75991E-06
ANXA9	210085_PM_s_at	-2.71984	1.76018E-06
TCL6	207894_PM_s_at	-1.55191	1.76033E-06
ADI1	217761_PM_at	-1.90001	1.76207E-06
TNFAIP8	208296_PM_x_at	2.13397	1.7794E-06
CPNE4	228796_PM_at	-1.32677	1.79764E-06
IGK@ /// IGKC /// LOC	216576_PM_x_at	5.3303	1.80419E-06
C2orf47	219176_PM_at	-1.59341	1.80834E-06
GZMK	206666_PM_at	4.24089	1.85949E-06
RAB31	217762_PM_s_at	2.11328	1.86287E-06
ADCY7	203741_PM_s_at	1.74134	1.86521E-06
ACAA1	202025_PM_x_at	-2.12895	1.86924E-06
EPHX1	202017_PM_at	-2.14205	1.87002E-06
TGFBI	201506_PM_at	2.26469	1.87035E-06
ETFB	202942_PM_at	-1.89899	1.87108E-06
TUB	228882_PM_at	-1.63906	1.87132E-06
SLC7A13	238287_PM_at	-9.39026	1.87144E-06
RGS7	206290_PM_s_at	-1.8997	1.87202E-06
CD1D	205789_PM_at	2.311	1.8721E-06
ALDH9A1	201612_PM_at	-1.52688	1.87245E-06
PRKAA2	207709_PM_at	-1.6283	1.87296E-06
FUT6	210398_PM_x_at	-2.11132	1.87424E-06
UPP2	231376_PM_at	-5.35938	1.87561E-06
C15orf37	1556588_PM_at	-1.83207	1.87675E-06
SAMM50	201569_PM_s_at	-1.66826	1.87705E-06
C14orf167	224153_PM_s_at	-1.54745	1.89678E-06
C10orf140	1559265_PM_at	-1.38607	1.90282E-06
PARP14	224701_PM_at	2.14261	1.92056E-06
CD8A	205758_PM_at	4.45273	1.92239E-06
C11orf71	218789_PM_s_at	-1.94785	1.93848E-06
MAP7	202889_PM_x_at	-3.04026	1.95436E-06
LAMP3	205569_PM_at	3.14026	1.9696E-06
STX3	216985_PM_s_at	-1.84287	1.97633E-06
FAM164C	220107_PM_s_at	-1.54813	1.97692E-06
CYP2B6 /// CYP2B7P1	206754_PM_s_at	-5.43534	1.97839E-06
FAM171B	227370_PM_at	1.49533	1.97859E-06
MS4A6A	219666_PM_at	3.11027	1.98042E-06
C15orf59	230475_PM_at	-1.91844	1.98209E-06
DDX10	204977_PM_at	-2.05368	1.98212E-06
IFI16	206332_PM_s_at	2.66876	1.99887E-06

FMO4	206263_PM_at	-2.91697	2.02413E-06
FAM195A	225861_PM_at	-2.12291	2.02493E-06
SIRT3	221562_PM_s_at	-1.48918	2.03201E-06
RASSF2	203185_PM_at	3.16538	2.0655E-06
DHRS4 /// DHRS4L2	218021_PM_at	-2.63262	2.08193E-06
PSPH	205048_PM_s_at	-1.73797	2.09855E-06
MMACHC	211774_PM_s_at	-1.5272	2.12695E-06
SUCLG1	217874_PM_at	-1.93035	2.12732E-06
FOLH1	205860_PM_x_at	-3.36266	2.1343E-06
HSPD1	200806_PM_s_at	-1.62218	2.16991E-06
MARCKSL1	200644_PM_at	1.9548	2.19608E-06
MS4A7	223343_PM_at	3.13826	2.20392E-06
B4GALT4	210540_PM_s_at	-1.49344	2.21475E-06
EBP	202735_PM_at	-1.95588	2.21483E-06
SFXN1	218392_PM_x_at	-1.9703	2.21609E-06
GALK2	205219_PM_s_at	-1.62699	2.21787E-06
LOC285733	230716_PM_at	-2.45965	2.22967E-06
ECHDC1	219974_PM_x_at	-1.74025	2.23103E-06
IDH3B	201509_PM_at	-1.57076	2.23629E-06
KMO	205306_PM_x_at	-4.18927	2.2505E-06
IFNAR2	204785_PM_x_at	1.67097	2.28219E-06
SELP	206049_PM_at	2.05362	2.28467E-06
RMND1	220329_PM_s_at	-2.20202	2.28517E-06
DTWD2	231277_PM_x_at	-1.44926	2.30104E-06
ANXA2P2	208816_PM_x_at	1.78749	2.33969E-06
TMEM192 /// ZNF320	1555790_PM_a_at	-2.07506	2.34465E-06
PDZD3	220303_PM_at	-2.14296	2.37E-06
AGPAT3	219723_PM_x_at	-1.7285	2.38186E-06
CP	204846_PM_at	2.37905	2.4194E-06
CD97	202910_PM_s_at	2.2047	2.42042E-06
RALYL	213967_PM_at	-3.87039	2.42308E-06
C17orf75	203830_PM_at	-1.43996	2.42441E-06
C2orf54	220149_PM_at	-2.06822	2.43574E-06
SELL	204563_PM_at	3.67825	2.44319E-06
P4HA2	202733_PM_at	-2.38361	2.48188E-06
NAPRT1	226707_PM_at	-1.34428	2.4848E-06
TTC36	237350_PM_at	-2.72493	2.48733E-06
GABBR1 /// UBD	205890_PM_s_at	3.09089	2.48837E-06
TFDP1	204147_PM_s_at	-1.57261	2.48991E-06
THY1	208850_PM_s_at	-2.71203	2.49728E-06
SDHA /// SDHAP1 ///	222021_PM_x_at	-1.38211	2.49751E-06
C4orf12	241401_PM_at	-2.52392	2.49981E-06
CYP46A1	220331_PM_at	-1.84188	2.50306E-06
TMEM143	222905_PM_s_at	-1.5246	2.52024E-06
ILVBL	202993_PM_at	-1.96596	2.5292E-06
KIAA1274	231887_PM_s_at	1.78551	2.5541E-06
DHDDS	218547_PM_at	-1.35544	2.55522E-06

CAPN6	202965_PM_s_at	2.16119	2.58782E-06
HLA-DQB1 /// LOC100	211656_PM_x_at	2.83337	2.59591E-06
DOLPP1	221817_PM_at	-1.36699	2.6205E-06
ADH5	208847_PM_s_at	-1.60085	2.6306E-06
GRIA3	206730_PM_at	-1.28136	2.6426E-06
AOAH	205639_PM_at	2.74176	2.64393E-06
SLA	203760_PM_s_at	2.98158	2.6442E-06
RABGGTB	209180_PM_at	-1.67523	2.6446E-06
GRTP1	206712_PM_at	-1.74755	2.64474E-06
DECR2	219664_PM_s_at	-2.07498	2.6456E-06
STMN3	222557_PM_at	1.77171	2.6458E-06
BIN2	219191_PM_s_at	2.47375	2.64661E-06
CECR1	219505_PM_at	2.56335	2.64833E-06
ACOT13	204565_PM_at	-2.07221	2.65117E-06
FYB	205285_PM_s_at	2.45011	2.65223E-06
CHDH	229502_PM_at	-2.68837	2.65234E-06
DHDH	231416_PM_at	-3.93903	2.65569E-06
DNAJC19	225358_PM_at	-1.60562	2.65781E-06
RHCG	219554_PM_at	-3.48592	2.67518E-06
CDH9	207729_PM_at	-1.51435	2.70322E-06
PEX5	203244_PM_at	-1.37216	2.70689E-06
NPDC1	218086_PM_at	1.8181	2.70952E-06
IL2RB	205291_PM_at	2.87967	2.71122E-06
LOC100133116	1557776_PM_at	-1.93267	2.72617E-06
MOSC2	219527_PM_at	-2.50183	2.73635E-06
MRPL24	218270_PM_at	-1.29105	2.73907E-06
SLC10A2	207095_PM_at	-3.69362	2.73989E-06
DPP4	203716_PM_s_at	-2.55022	2.74668E-06
TM7SF3	217974_PM_at	-1.58037	2.76005E-06
SECTM1	213716_PM_s_at	2.00457	2.76061E-06
CRIP1	205081_PM_at	2.34383	2.76296E-06
VDR	204253_PM_s_at	-1.90383	2.76336E-06
SNX12	224684_PM_at	-1.3536	2.76678E-06
COX5A	203663_PM_s_at	-1.47486	2.77515E-06
PKP2	207717_PM_s_at	-1.81236	2.77574E-06
LOC400960	227969_PM_at	-1.42923	2.80958E-06
MUTED /// TXNDC5	221253_PM_s_at	1.67	2.83581E-06
KIAA1949	224927_PM_at	2.82286	2.83621E-06
ZMYND12	223636_PM_at	-2.72899	2.8485E-06
HNF1A	210515_PM_at	-1.48278	2.86801E-06
PECI	218025_PM_s_at	-2.26042	2.87751E-06
EPS15L1	221056_PM_x_at	-1.30865	2.87767E-06
KIAA1958	228349_PM_at	-1.87415	2.87822E-06
LOC1518	1563445_PM_x_at	-1.89612	2.88006E-06
LGALS9	203236_PM_s_at	1.8144	2.88631E-06
CABC1	218168_PM_s_at	-1.4524	2.92595E-06
SCAMP5	212699_PM_at	-1.29974	2.96117E-06

SURF4	222977_PM_at	-1.81601	2.96315E-06
RIPK2	209544_PM_at	1.40148	2.96395E-06
KIAA0125	206478_PM_at	3.62133	2.96473E-06
HERC6	219352_PM_at	1.46115	2.96767E-06
APOC3	205820_PM_s_at	-2.07407	2.96788E-06
PTTG1	203554_PM_x_at	2.399	2.97298E-06
GPATCH3	218895_PM_at	-1.43579	2.98275E-06
ABCC2	206155_PM_at	-3.34691	3.03073E-06
NKG7	213915_PM_at	3.11331	3.04039E-06
C2orf7	223312_PM_at	-1.6717	3.04183E-06
MAF	206363_PM_at	-2.11719	3.06297E-06
NHSL1	226490_PM_at	-1.77837	3.08356E-06
IGLC1 /// IGLL5 /// IGI	215214_PM_at	12.00692	3.11278E-06
GHITM	209248_PM_at	-1.49239	3.14067E-06
FBN3	240117_PM_at	-1.30283	3.14837E-06
COLEC11	219873_PM_at	-2.88084	3.17994E-06
CHCHD4	229595_PM_at	-1.56315	3.18129E-06
ECH1	200789_PM_at	-1.74807	3.21123E-06
ANXA2	201590_PM_x_at	1.76168	3.21583E-06
PARP9	227807_PM_at	2.02	3.23413E-06
NFE2L1	200758_PM_s_at	-1.34706	3.23437E-06
EXOSC6	231916_PM_at	-1.64467	3.24434E-06
UBE2L6	201649_PM_at	1.79144	3.27502E-06
GZMH	210321_PM_at	2.34407	3.28155E-06
MNDA	204959_PM_at	3.04298	3.28741E-06
KLHDC2	217906_PM_at	-1.36503	3.37213E-06
NR2F6	209261_PM_s_at	-1.40679	3.38925E-06
GLIPR1	204221_PM_x_at	2.74893	3.41156E-06
GGCT	215380_PM_s_at	-1.34341	3.43551E-06
GRHPR	201347_PM_x_at	-1.84045	3.43622E-06
RCSD1	225763_PM_at	2.41219	3.43748E-06
HADHA	208629_PM_s_at	-1.42152	3.43908E-06
CGREF1	205937_PM_at	-1.31767	3.44097E-06
TLR5	210166_PM_at	1.87517	3.44198E-06
TNFRSF1B	203508_PM_at	2.58347	3.4441E-06
ST3GAL6	210942_PM_s_at	-1.79715	3.44431E-06
AHCY	200903_PM_s_at	-2.30953	3.44582E-06
LDHB	201030_PM_x_at	-1.31563	3.44888E-06
HLA-DMA	217478_PM_s_at	2.20896	3.45853E-06
STAT4	206118_PM_at	2.73644	3.45893E-06
ITM2C	221004_PM_s_at	1.75672	3.47082E-06
NDUFS7	211752_PM_s_at	-1.25477	3.50216E-06
SLC37A1	218928_PM_s_at	1.67955	3.5513E-06
FLJ39739	239005_PM_at	1.68924	3.55264E-06
ITPR3	201187_PM_s_at	1.93349	3.55457E-06
RNF125	207735_PM_at	1.73095	3.55507E-06
TBC1D14	224622_PM_at	-1.26459	3.55621E-06

MMP7	204259_PM_at	3.90081	3.55858E-06
DCXR	217973_PM_at	-3.22536	3.55921E-06
CCL2	216598_PM_s_at	2.66961	3.56164E-06
FAM20C	226722_PM_at	-1.23862	3.56225E-06
OPCML	206215_PM_at	-1.32408	3.5757E-06
DTX3L	225415_PM_at	2.25562	3.58359E-06
TNFRSF17	206641_PM_at	6.36973	3.67114E-06
ZNF558	227810_PM_at	1.44059	3.67146E-06
SPON2	218638_PM_s_at	2.65348	3.68064E-06
ZNF697	227080_PM_at	-1.48379	3.698E-06
NHEDC2	229491_PM_at	1.3586	3.71139E-06
AGXT	206957_PM_at	-2.87125	3.71477E-06
LIN52	228583_PM_at	-1.8829	3.71587E-06
AMICA1	228094_PM_at	2.43645	3.71688E-06
TMEM174	231623_PM_at	-6.08384	3.72156E-06
ANKRD46	212731_PM_at	-1.93246	3.72324E-06
MCAT	213132_PM_s_at	-1.93836	3.7238E-06
PARP8	219033_PM_at	2.30734	3.72412E-06
HABP4	209818_PM_s_at	-1.60669	3.72731E-06
HMGCL	202772_PM_at	-1.97235	3.76542E-06
CCL4	204103_PM_at	4.58705	3.76779E-06
C4orf48	229860_PM_x_at	1.97147	3.7933E-06
FAH	202862_PM_at	-1.93808	3.8073E-06
EPM2A	205231_PM_s_at	-1.47169	3.80887E-06
SCLY	221575_PM_at	-1.47588	3.80894E-06
ARHGAP28	227911_PM_at	-1.88198	3.81139E-06
AKR7A2	202139_PM_at	-1.90088	3.81156E-06
GET4 /// SUN1	223811_PM_s_at	-1.7417	3.81236E-06
CRAT	205843_PM_x_at	-1.75989	3.81432E-06
GCAT	205164_PM_at	-2.22917	3.81529E-06
CYC1	201066_PM_at	-1.47744	3.8153E-06
MRPL34	221692_PM_s_at	-1.5774	3.81921E-06
GALM	234974_PM_at	-2.27378	3.82117E-06
TARS2	221189_PM_s_at	-1.50306	3.82244E-06
LOC100288617	228918_PM_at	-2.75377	3.83621E-06
C1orf115	218546_PM_at	-1.64269	3.85636E-06
SFN	209260_PM_at	3.21734	3.93471E-06
SLC25A5	200657_PM_at	-1.47853	3.93676E-06
EXOSC10	207541_PM_s_at	1.43764	3.94761E-06
TMEM177	218897_PM_at	-1.36742	3.9541E-06
TRANK1	213261_PM_at	1.81804	3.96387E-06
KLF4	220266_PM_s_at	1.64403	3.96866E-06
TMBIM6	200803_PM_s_at	-1.47253	4.00376E-06
TLR2	204924_PM_at	2.09942	4.00528E-06
ZFP36	201531_PM_at	1.69331	4.01078E-06
CBARA1	216903_PM_s_at	-1.73955	4.01868E-06
S100A11	200660_PM_at	1.83201	4.02109E-06

RIPK3	228139_PM_at	1.48506	4.02642E-06
GCM1	206269_PM_at	-1.42677	4.04685E-06
NDUFAB1	202077_PM_at	-1.31199	4.05532E-06
ARHGAP15	218870_PM_at	2.52579	4.06064E-06
GLUD1	200946_PM_x_at	-1.82224	4.0617E-06
BRP44	202427_PM_s_at	-1.6273	4.09656E-06
ACOX1	207656_PM_s_at	-2.19634	4.0979E-06
KIF22	202183_PM_s_at	-1.25947	4.10294E-06
TMTC4	225666_PM_at	-1.58438	4.1581E-06
AUH	205052_PM_at	-1.69994	4.19011E-06
KIAA1543	226494_PM_at	-1.60383	4.20578E-06
HLA-A /// LOC441528	215313_PM_x_at	1.36575	4.22447E-06
SHMT1	209980_PM_s_at	-2.0631	4.23284E-06
PARVB	204629_PM_at	-1.24103	4.23484E-06
LOC148709	1558577_PM_at	-1.37276	4.2386E-06
ENPP7	238245_PM_at	-1.55808	4.24446E-06
SP110	208012_PM_x_at	2.06863	4.28756E-06
DOCK11	226875_PM_at	1.92582	4.29154E-06
COQ5	223114_PM_at	-1.43559	4.29253E-06
PRODH2	216696_PM_s_at	-5.18055	4.33592E-06
TDP2	202266_PM_at	-1.65329	4.33614E-06
SLC23A1	223732_PM_at	-4.74346	4.34176E-06
ENDOG	204824_PM_at	-1.75964	4.34443E-06
CFHR2	206910_PM_x_at	1.45485	4.34464E-06
CLEC7A	221698_PM_s_at	1.94901	4.34611E-06
NDUFAF1	204125_PM_at	-1.5271	4.35168E-06
ABHD14A	210006_PM_at	-1.84207	4.39585E-06
BBS1	218471_PM_s_at	-1.24937	4.39636E-06
CNDP1	223699_PM_at	-3.31613	4.3996E-06
JUNB	201473_PM_at	1.62681	4.42955E-06
SLC25A20	203658_PM_at	-1.91873	4.43119E-06
SLC39A5	231667_PM_at	-4.15586	4.46131E-06
CRY2	212695_PM_at	-1.4984	4.47701E-06
LAIR1	208071_PM_s_at	1.93099	4.48157E-06
DAPP1	219290_PM_x_at	2.1918	4.48293E-06
RUNDC3B	215321_PM_at	-2.38777	4.48764E-06
RAB27A	209514_PM_s_at	2.06319	4.5104E-06
CLEC4A	219947_PM_at	1.89056	4.51894E-06
LRRC43	1553728_PM_at	-2.35983	4.54288E-06
PAH	205719_PM_s_at	-5.31433	4.54726E-06
LCLAT1	226996_PM_at	-1.4935	4.56355E-06
ASPSCR1	218908_PM_at	-1.60187	4.56408E-06
TXNDC3	220384_PM_at	1.30249	4.57319E-06
LONRF3	220009_PM_at	-1.51951	4.60631E-06
C18orf54	229442_PM_at	1.3611	4.63988E-06
C10orf114	1555922_PM_at	-1.5659	4.645E-06
HLA-DQB1	209480_PM_at	2.77039	4.65806E-06

PPP1R16B	212750_PM_at	-1.84987	4.68398E-06
LDLRAD3	234985_PM_at	1.87378	4.68652E-06
PXMP2	219076_PM_s_at	-2.53422	4.68923E-06
MTTP	205675_PM_at	-4.15295	4.69062E-06
TXNRD2	211177_PM_s_at	-1.79573	4.69638E-06
MOCS3	206141_PM_at	-1.30498	4.71816E-06
SLC25A11	207088_PM_s_at	-1.87663	4.74209E-06
PLSCR1	202430_PM_s_at	1.85022	4.75267E-06
UQCRC1	201903_PM_at	-1.63727	4.76524E-06
CYP17A1	205502_PM_at	-2.20247	4.76981E-06
KYNU	204385_PM_at	-2.26391	4.78961E-06
APITD1	213454_PM_at	-1.87283	4.80869E-06
BDH2	218285_PM_s_at	-1.77632	4.86599E-06
SLC22A4	205896_PM_at	-3.09043	4.86729E-06
TSPAN33	225775_PM_at	-1.87326	4.88628E-06
PRSS2 /// PRSS3	207463_PM_x_at	-1.72164	4.92126E-06
AIM2	206513_PM_at	3.53015	4.92665E-06
EMILIN2	224374_PM_s_at	1.49876	4.92744E-06
TRAP1	201391_PM_at	-1.51211	4.93046E-06
SERPINB9	209723_PM_at	2.52843	4.93561E-06
FOLH1B	211303_PM_x_at	-3.39333	4.97351E-06
LOC441454 /// LOC72	216384_PM_x_at	1.58605	4.98179E-06
POMGNT1	217944_PM_at	-1.30918	4.98391E-06
CDHR2	220186_PM_s_at	-2.58183	4.98502E-06
COX8A	201119_PM_s_at	-1.33914	4.98993E-06
LOC96610	224342_PM_x_at	2.01556	4.99362E-06
DARS2	218365_PM_s_at	-1.65163	4.99594E-06
PROZ	208034_PM_s_at	-3.06877	5.01621E-06
NDUFV1	208714_PM_at	-1.28259	5.0325E-06
NPHS1	207673_PM_at	-1.87109	5.03334E-06
HEXIM2	238547_PM_at	-1.60832	5.03957E-06
C5orf39	227877_PM_at	2.1612	5.07465E-06
PPARA	206870_PM_at	-1.76714	5.08197E-06
ATP6V1C2	1553989_PM_a_at	-2.52819	5.11721E-06
MLXIPL	221163_PM_s_at	-1.81376	5.15449E-06
CBR4	213626_PM_at	-1.33354	5.15823E-06
LRRC28	227423_PM_at	-2.32546	5.16387E-06
HCK	208018_PM_s_at	2.46401	5.16639E-06
MTHFD1L	225520_PM_at	1.5179	5.20474E-06
GPS1	217782_PM_s_at	-1.95005	5.2303E-06
MRPS35	217942_PM_at	-1.46534	5.23496E-06
USP30	223602_PM_at	-1.52294	5.23845E-06
NIPSNAP1	201708_PM_s_at	-1.96485	5.24385E-06
PLEK	203470_PM_s_at	2.74609	5.26699E-06
SMPD1	209420_PM_s_at	-1.52033	5.27677E-06
CYB5R1	202263_PM_at	-1.46698	5.29498E-06
DHRX	225503_PM_at	-1.47111	5.32006E-06

EPHX2	209368_PM_at	-2.79576	5.35513E-06
ABHD6	221552_PM_at	-2.11434	5.43261E-06
CD86	205685_PM_at	2.0316	5.44095E-06
GADD45A	203725_PM_at	-1.55505	5.44434E-06
ACOT1 /// ACOT2	202982_PM_s_at	-2.14963	5.53508E-06
DPF3	219746_PM_at	-2.00748	5.56624E-06
GPR65	214467_PM_at	2.42496	5.65321E-06
THAP3	213192_PM_at	-1.24521	5.67489E-06
SLC31A1	203971_PM_at	-2.04542	5.67717E-06
IL16	209827_PM_s_at	2.24309	5.68699E-06
NDUFS8	203189_PM_s_at	-1.45107	5.69588E-06
LOC100287621	243569_PM_at	-1.28839	5.69671E-06
AMDHD1	229596_PM_at	-3.57917	5.69809E-06
FERMT1	218796_PM_at	-1.84977	5.79526E-06
LPPR1	219732_PM_at	-3.9306	5.81909E-06
TLR8	220832_PM_at	1.94939	5.83568E-06
RHBDF2	219202_PM_at	2.06054	5.83868E-06
STAB1	204150_PM_at	2.53695	5.84036E-06
ICAM1	202637_PM_s_at	2.11551	5.84438E-06
MTCH2	217772_PM_s_at	-1.73549	5.93628E-06
HINT2	224415_PM_s_at	-1.55237	5.94053E-06
MS4A4A	224357_PM_s_at	2.45614	5.95475E-06
MECR	218664_PM_at	-1.53962	5.9613E-06
HBXIP	202299_PM_s_at	-1.42099	5.96537E-06
MMD	203414_PM_at	1.47248	6.0092E-06
SP100	202863_PM_at	2.03745	6.01077E-06
LONP1	209017_PM_s_at	-1.53165	6.01143E-06
KHK	205175_PM_s_at	-3.46366	6.02622E-06
ACACB	214584_PM_x_at	-1.43023	6.04808E-06
REXO2	218194_PM_at	-1.75682	6.05385E-06
SLC30A9	202614_PM_at	-1.5128	6.05475E-06
ATP6V0D2	1553151_PM_at	-3.45764	6.05517E-06
COQ6	218760_PM_at	-1.49328	6.06066E-06
CLEC10A	206682_PM_at	2.6056	6.08521E-06
TEX261	212083_PM_at	-1.39743	6.08646E-06
TMEM106A	1552302_PM_at	-2.20252	6.09244E-06
PML	206503_PM_x_at	1.31791	6.12079E-06
SLC37A4	202830_PM_s_at	-2.74234	6.12117E-06
SYPL2	230611_PM_at	-2.0857	6.13499E-06
LOC100289210	229291_PM_at	-1.27156	6.13748E-06
ACOX2	205364_PM_at	-3.18804	6.15329E-06
SUOX	204067_PM_at	-1.89278	6.19959E-06
PCYT2	209577_PM_at	-1.949	6.20415E-06
DLG2	228973_PM_at	-1.33854	6.20676E-06
LRPPRC	211615_PM_s_at	-1.48638	6.22718E-06
RAB17	218931_PM_at	-2.23379	6.2672E-06
PMVK	203515_PM_s_at	-1.86731	6.28743E-06

RCN1	201063_PM_at	1.71183	6.29793E-06
KREMEN1	224534_PM_at	-1.25245	6.32074E-06
S100A6	217728_PM_at	1.38007	6.32148E-06
HAAO	205657_PM_at	-1.81537	6.4055E-06
STK10	203047_PM_at	1.92766	6.40944E-06
IKZF1	205038_PM_at	1.78872	6.41399E-06
LOC729020 /// RPE	216574_PM_s_at	-1.57379	6.43635E-06
LOC645431	236835_PM_at	1.29094	6.49415E-06
OXCT1	202780_PM_at	-1.64984	6.49512E-06
CLYBL	238440_PM_at	-2.32694	6.51071E-06
ARNTL2	220658_PM_s_at	1.46557	6.51509E-06
ACOT12	238160_PM_at	-1.77379	6.5187E-06
CRYL1	220753_PM_s_at	-2.28493	6.52312E-06
SOST	223869_PM_at	-3.67564	6.52349E-06
SAMD3	236782_PM_at	2.34133	6.55044E-06
NLRC3	236295_PM_s_at	2.89186	6.56072E-06
IRF9	203882_PM_at	1.73144	6.56291E-06
LGMN	201212_PM_at	-1.7665	6.5638E-06
NFKBIE	203927_PM_at	1.67433	6.56778E-06
TMEM63B	225271_PM_at	-1.44727	6.5916E-06
LOC727820	227383_PM_at	2.53763	6.59469E-06
BASP1	202391_PM_at	2.41516	6.62009E-06
DDN	214788_PM_x_at	-1.80412	6.62098E-06
B2M	216231_PM_s_at	2.03205	6.63421E-06
AADAT	223593_PM_at	-1.73411	6.64142E-06
TMEM87B	225411_PM_at	1.69406	6.66669E-06
FAM151A	1554668_PM_a_at	-7.91909	6.6718E-06
PCSK5	205559_PM_s_at	1.83499	6.68904E-06
CTPS	202613_PM_at	-1.49466	6.72114E-06
NDUFS2	201966_PM_at	-1.46947	6.75765E-06
NHEJ1	219418_PM_at	-1.62427	6.79853E-06
RPL22L1	225541_PM_at	1.743	6.80994E-06
PES1	202212_PM_at	-1.30637	6.82832E-06
GIMAP5	218805_PM_at	2.05541	6.82859E-06
DMGDH	231790_PM_at	-3.60492	6.82946E-06
LOC732160 /// NDUF1	217860_PM_at	-1.65004	6.86707E-06
FUT3	214088_PM_s_at	-1.97016	6.89898E-06
DDB2	203409_PM_at	1.63035	6.91336E-06
DAO	206878_PM_at	-5.30294	6.92622E-06
LPPR4	213496_PM_at	-1.51676	6.94775E-06
GAS2	205848_PM_at	-2.15135	7.00993E-06
MRPL12	203931_PM_s_at	-1.37012	7.01346E-06
C10orf72	213381_PM_at	-1.67477	7.0175E-06
PMPCB	201682_PM_at	-1.30397	7.02778E-06
C3	217767_PM_at	4.00215	7.07008E-06
ZSCAN5A	219904_PM_at	-1.24857	7.07567E-06
DNAJB1	200664_PM_s_at	-1.63529	7.1045E-06

ECHDC2	218552_PM_at	-1.43391	7.10734E-06
STRADB	223266_PM_at	-1.89629	7.121E-06
DHRS3	202481_PM_at	-1.48303	7.16738E-06
DISC1 /// TSNAX /// T	207759_PM_s_at	1.46353	7.16769E-06
GBA2	223921_PM_s_at	-1.55687	7.18588E-06
LENG8	224673_PM_at	1.72042	7.18649E-06
C17orf62	218130_PM_at	1.84409	7.19921E-06
PTPRC	207238_PM_s_at	3.50548	7.20158E-06
HPGD	203913_PM_s_at	-3.14046	7.28786E-06
NEDD4L	212445_PM_s_at	-2.20905	7.29347E-06
ACY3	230481_PM_at	-2.85329	7.29498E-06
QDPR	209123_PM_at	-1.2383	7.31703E-06
CMTM3	224733_PM_at	1.74718	7.33806E-06
TRHDE	219937_PM_at	-2.17923	7.35807E-06
LOC100289632	1556078_PM_at	-1.36388	7.37267E-06
C7orf10	219655_PM_at	-2.62287	7.3842E-06
IFI27	202411_PM_at	2.02287	7.38438E-06
SP140L	214791_PM_at	1.44422	7.3892E-06
CRLS1	223978_PM_s_at	-1.45235	7.39154E-06
METTL6	232102_PM_at	-1.25878	7.40477E-06
DERA	218102_PM_at	-1.54328	7.46268E-06
OSBPL6	223805_PM_at	-1.84901	7.47483E-06
C10orf41	228048_PM_at	-1.57462	7.47832E-06
NUDT16P1	232251_PM_at	-1.3878	7.49015E-06
HDAC9	205659_PM_at	2.12023	7.50389E-06
SLCO3A1	210542_PM_s_at	1.87792	7.50964E-06
ZHX3	212545_PM_s_at	-1.39073	7.51027E-06
RTTN	227072_PM_at	-1.37572	7.51176E-06
PACSIN2	201651_PM_s_at	-1.44558	7.51495E-06
FCRL5	224404_PM_s_at	2.77728	7.51631E-06
C16orf87	226608_PM_at	-1.74807	7.53329E-06
CLCN6	203950_PM_s_at	-1.33065	7.53844E-06
CTSF	203657_PM_s_at	-1.42151	7.60449E-06
C1QBP	208910_PM_s_at	-1.43732	7.61227E-06
BNIP3	201848_PM_s_at	-1.8397	7.61684E-06
AS3MT	223652_PM_at	-2.15171	7.64192E-06
DEXI	203733_PM_at	-1.54798	7.6477E-06
LILRB1	207104_PM_x_at	1.96593	7.64877E-06
LOC91316	213502_PM_x_at	2.23834	7.65105E-06
IQGAP2	203474_PM_at	-1.83218	7.69584E-06
NSDHL	209279_PM_s_at	-1.3037	7.70692E-06
LOC388387	1556737_PM_at	-1.78824	7.74471E-06
HIST1H2BK	209806_PM_at	1.95759	7.75278E-06
NPRL3	203289_PM_s_at	-1.29038	7.76754E-06
PCCB	212694_PM_s_at	-1.97392	7.7775E-06
TRUB2	223109_PM_at	-1.44808	7.78226E-06
PALM	203859_PM_s_at	-1.76823	7.7839E-06

ALDH2	201425_PM_at	-1.84001	7.81552E-06
ATP6V1B1	205473_PM_at	-1.47441	7.81957E-06
SOX9	202935_PM_s_at	2.8096	7.82945E-06
RGS18	223809_PM_at	2.18247	7.83274E-06
PHLDA2	209803_PM_s_at	2.37362	7.8611E-06
ACE	209749_PM_s_at	-1.64647	7.87023E-06
CPT2	204263_PM_s_at	-1.80218	7.87521E-06
FAM24B	231146_PM_at	-1.67456	7.87522E-06
CD38	205692_PM_s_at	2.82101	7.8781E-06
LOC100287081	228231_PM_at	-1.35237	7.90679E-06
GLIPR2	225602_PM_at	1.80583	7.90901E-06
CORT	210182_PM_at	-1.46443	7.91446E-06
C14orf149	227699_PM_at	-2.04827	7.93917E-06
CRELD2	218358_PM_at	1.40914	7.94927E-06
CPA3	205624_PM_at	4.9631	7.99784E-06
CD209	207277_PM_at	1.41871	8.00912E-06
AFAP1	203563_PM_at	1.31482	8.02311E-06
ESPL1	204817_PM_at	-2.43349	8.05516E-06
C5AR1	220088_PM_at	1.67589	8.05596E-06
GBP1	202269_PM_x_at	2.64566	8.05761E-06
IGH@ /// IGHA1 /// IC	211641_PM_x_at	5.15629	8.05914E-06
RHOU	223168_PM_at	1.39373	8.06008E-06
TYRO3	211431_PM_s_at	-1.36702	8.12287E-06
MUT	202959_PM_at	-1.58763	8.12562E-06
TMEM86A	227570_PM_at	-1.73204	8.15262E-06
ANKRD57	219496_PM_at	-1.91079	8.15451E-06
PCTP	218676_PM_s_at	-1.89477	8.15513E-06
TMEM184A	235817_PM_at	-1.41206	8.21454E-06
GLOD5	231052_PM_at	-1.70018	8.22708E-06
CDC25B	201853_PM_s_at	1.82184	8.26475E-06
AP1AR	219023_PM_at	-1.5254	8.26705E-06
STEAP4	220187_PM_at	1.64608	8.27416E-06
GPR137B	204137_PM_at	-1.99937	8.31068E-06
DBT	205369_PM_x_at	-1.86848	8.31174E-06
CYAT1 /// IGLV1-44	215121_PM_x_at	6.03758	8.33298E-06
ENPP6	229916_PM_at	-4.7742	8.34811E-06
SLC2A9	219991_PM_at	-2.20243	8.35102E-06
NOD1	221073_PM_s_at	1.381	8.35291E-06
HRSP12	203790_PM_s_at	-2.20437	8.35635E-06
TBKBP1	205424_PM_at	-1.3088	8.35732E-06
SERPINA4	213874_PM_at	-1.72928	8.39132E-06
RNF40	206845_PM_s_at	-1.42014	8.41745E-06
CLNK	1562587_PM_at	-1.3623	8.42205E-06
ST8SIA4	206925_PM_at	2.02123	8.42971E-06
EOMES	231776_PM_at	2.89208	8.43703E-06
POLDIP2	217806_PM_s_at	-1.71056	8.44838E-06
CCT6B	206587_PM_at	-1.62162	8.51125E-06

LOC728855	222001_PM_x_at	1.44575	8.54028E-06
RRAGD	221523_PM_s_at	-1.97822	8.55719E-06
METTL1	204027_PM_s_at	-1.7727	8.56898E-06
FCGR2B	210889_PM_s_at	3.09489	8.5848E-06
SORD	201562_PM_s_at	-3.49899	8.59276E-06
PNP	201695_PM_s_at	-1.94599	8.65268E-06
NCF2	209949_PM_at	2.62628	8.66208E-06
LILRB2	207697_PM_x_at	2.15267	8.73376E-06
PDP2	232861_PM_at	-1.69679	8.73676E-06
TSPAN9	205665_PM_at	-1.40553	8.75931E-06
BPI	205557_PM_at	-2.34202	8.76384E-06
ITGAL	213475_PM_s_at	2.39829	8.76876E-06
SEPHS2	200961_PM_at	-1.59145	8.77002E-06
QPRT	204044_PM_at	-2.26876	8.77578E-06
CCR5	206991_PM_s_at	2.5095	8.77884E-06
WDR72	227174_PM_at	-2.18261	8.80139E-06
PSTPIP2	219938_PM_s_at	1.99353	8.85352E-06
RGN	210751_PM_s_at	-2.63105	8.85572E-06
C7orf55	226780_PM_s_at	-1.48955	8.89849E-06
PCYOX1	203803_PM_at	-1.80357	8.90194E-06
EPB41L3	206710_PM_s_at	-2.18553	8.93855E-06
UQCR10	218190_PM_s_at	-1.44595	8.96306E-06
FAHD1	226767_PM_s_at	-1.99981	9.0164E-06
SEPP1	201427_PM_s_at	-2.00122	9.08839E-06
NCKAP1L	209734_PM_at	2.21137	9.19572E-06
MTHFD2	201761_PM_at	2.1509	9.20188E-06
LRRC8C	223533_PM_at	1.47939	9.22137E-06
ATP2B4	212135_PM_s_at	1.54261	9.23963E-06
CCDC51	218722_PM_s_at	-1.50582	9.26749E-06
CHPF2	221799_PM_at	1.54247	9.29381E-06
FAAH	204231_PM_s_at	-1.79123	9.2958E-06
DYRK2	202968_PM_s_at	1.60148	9.29661E-06
MAPKAP1	217808_PM_s_at	-1.68577	9.3002E-06
PREX1	224925_PM_at	1.76933	9.30211E-06
ZGPAT	221848_PM_at	-2.7862	9.38855E-06
EEFSEC	227540_PM_at	-1.68877	9.46343E-06
WDR12	218512_PM_at	-1.6811	9.50349E-06
CYP4F2 /// CYP4F3	206514_PM_s_at	-4.55226	9.50419E-06
CYBB	203922_PM_s_at	2.49988	9.50493E-06
FUZ	221187_PM_s_at	-1.79057	9.51104E-06
ASPA	206030_PM_at	-2.57837	9.57671E-06
MSRA	219281_PM_at	-1.82783	9.60173E-06
VAPB	202549_PM_at	-1.31752	9.61017E-06
MRPL38	225103_PM_at	-1.37947	9.65147E-06
CD3G	206804_PM_at	3.12178	9.70112E-06
CD247	210031_PM_at	2.42711	9.70209E-06
NCRNA00118	230488_PM_s_at	-1.7498	9.70942E-06

C12orf64	1553746_PM_a_at	-2.464	9.7101E-06
SLC28A2	207249_PM_s_at	-1.95874	9.717E-06
ADCY1	215348_PM_at	-1.2129	9.72435E-06
ECSCR	227780_PM_s_at	1.7773	9.73968E-06
MOCS2	218212_PM_s_at	-1.51814	9.74046E-06
ATP5G3	207507_PM_s_at	-1.31285	9.74305E-06
KCNJ10	228581_PM_at	-2.32222	9.78269E-06
SAMD9	219691_PM_at	1.7875	9.79268E-06
NUDT13	214136_PM_at	-1.57302	9.83499E-06
GPR18	210279_PM_at	2.5667	9.87996E-06
C1R	212067_PM_s_at	2.19053	9.93449E-06
LOC100294402 /// SIC	218921_PM_at	-1.79971	1.0002E-05
CSF3R	203591_PM_s_at	1.27464	1.00082E-05
SMAP2	225282_PM_at	2.1125	1.00183E-05
PEBP1	205353_PM_s_at	-1.52108	1.00719E-05
MACROD1	219188_PM_s_at	-1.44431	1.01483E-05
FGR	208438_PM_s_at	2.36714	1.01526E-05
CXCL9	203915_PM_at	4.85753	1.01837E-05
AQP11	229526_PM_at	-3.23786	1.01863E-05
MPND	233651_PM_s_at	-1.81449	1.01895E-05
CH25H	206932_PM_at	2.4749	1.01906E-05
KCNE1	208514_PM_at	-1.60231	1.01929E-05
NCF1 /// NCF1B /// NCF1C	204961_PM_s_at	1.85171	1.01929E-05
CREB5	205931_PM_s_at	1.92602	1.02254E-05
ISCA1	209273_PM_s_at	-1.83664	1.02333E-05
PEPD	202108_PM_at	-2.58466	1.02394E-05
CPEB3	205773_PM_at	-1.37037	1.02422E-05
UNC93A	214382_PM_at	-1.49596	1.02462E-05
CTXN3	231391_PM_at	-7.04216	1.02858E-05
TMEM120A	223482_PM_at	-1.98561	1.03683E-05
DMRT2	223986_PM_x_at	-1.6789	1.03918E-05
DLGAP2	210227_PM_at	-1.40191	1.04165E-05
GSR	205770_PM_at	-1.55102	1.04534E-05
PMPCA	212088_PM_at	-1.4011	1.05267E-05
LY75	205668_PM_at	2.51423	1.0529E-05
TUFM	201113_PM_at	-1.32163	1.05335E-05
LRRTM1	238815_PM_at	-1.31796	1.05699E-05
NDUFS1	203039_PM_s_at	-2.06703	1.05871E-05
KRT80	231849_PM_at	1.66355	1.06036E-05
AP1M2	218261_PM_at	-2.39968	1.0604E-05
KIF16B	219570_PM_at	-1.58237	1.06101E-05
CSNK1E	202332_PM_at	1.4166	1.06652E-05
MTHFS	203433_PM_at	-1.65205	1.07072E-05
FARS2	204282_PM_s_at	-1.4894	1.07486E-05
GIMAP4	219243_PM_at	1.74753	1.08469E-05
APAF1	204859_PM_s_at	1.39405	1.08863E-05
S100A13	202598_PM_at	1.44387	1.09006E-05

LOC100290557	216412_PM_x_at	4.25734	1.09719E-05
CTNS	204925_PM_at	-1.53644	1.09982E-05
ITK	211339_PM_s_at	2.66121	1.10143E-05
CLEC4E	219859_PM_at	1.63164	1.10187E-05
BAT4	225472_PM_at	-1.36319	1.10618E-05
HMHA1	212873_PM_at	2.4657	1.10664E-05
IQSEC3	213834_PM_at	-1.26713	1.10873E-05
GNG2	224964_PM_s_at	1.60684	1.10885E-05
SH3GL2	205751_PM_at	-2.68071	1.1092E-05
VOPP1	208091_PM_s_at	1.68261	1.10997E-05
MPI	202472_PM_at	-1.28088	1.11043E-05
MRPS34	218112_PM_at	-1.5004	1.11088E-05
TUBAL3	220310_PM_at	-3.16893	1.1136E-05
PPT2	209490_PM_s_at	-1.40325	1.11471E-05
ALDH1B1	209645_PM_s_at	-2.20447	1.1211E-05
TMSB4X /// TMSL3	216438_PM_s_at	1.28235	1.12141E-05
GRB10	209409_PM_at	-1.78192	1.1277E-05
CXCL6	206336_PM_at	6.04514	1.13424E-05
RETSAT	218124_PM_at	-1.8142	1.13444E-05
AMDHD2	219082_PM_at	-1.51695	1.13509E-05
DLEU1	205677_PM_s_at	-1.74626	1.13592E-05
TUSC2	203272_PM_s_at	-1.32854	1.1375E-05
INPP5J	213651_PM_at	-1.70006	1.13775E-05
MCEE	226238_PM_at	-1.62845	1.13785E-05
THRSP	229476_PM_s_at	-1.75246	1.14144E-05
REG1A	209752_PM_at	6.55852	1.14158E-05
AKR7A3	206469_PM_x_at	-3.19992	1.14918E-05
TEF	210167_PM_s_at	-1.43048	1.1516E-05
NBL1	201621_PM_at	1.58915	1.15223E-05
LILRB3	210225_PM_x_at	1.59972	1.15593E-05
C12orf35	218614_PM_at	2.28809	1.15888E-05
GPD1L	212510_PM_at	-1.56455	1.16234E-05
CLPB	221845_PM_s_at	-1.7598	1.16771E-05
VIL1	205506_PM_at	-1.7613	1.16809E-05
OLIG1	228170_PM_at	-1.56885	1.17089E-05
SORCS1	228194_PM_s_at	-1.89239	1.17098E-05
SDHB	202675_PM_at	-1.23794	1.18202E-05
C9orf66	1552755_PM_at	-3.99279	1.18254E-05
AK2	205996_PM_s_at	-1.53123	1.18793E-05
CAPZA1	208374_PM_s_at	1.40278	1.19232E-05
DDX25	219945_PM_at	-1.42658	1.19308E-05
NKIRAS1	225930_PM_at	-1.83428	1.19471E-05
ABCD3	202850_PM_at	-1.30791	1.19485E-05
PCK2	202847_PM_at	-3.35216	1.19678E-05
RHOG	203175_PM_at	1.66545	1.19916E-05
VAV1	206219_PM_s_at	1.99872	1.20628E-05
DNAJC22	220441_PM_at	-1.72787	1.21055E-05

CAPN3	210944_PM_s_at	-3.30469	1.21567E-05
SPRYD4	225616_PM_at	-2.14494	1.21582E-05
IER3	201631_PM_s_at	1.66834	1.21773E-05
DGKA	203385_PM_at	1.57992	1.22303E-05
MFSD4	229254_PM_at	-1.95208	1.22311E-05
RDX	204969_PM_s_at	-1.83119	1.22375E-05
MTNR1A	221369_PM_at	-1.22446	1.22804E-05
CYSLTR1	216288_PM_at	1.85932	1.22897E-05
AQP1	207542_PM_s_at	-2.13189	1.22964E-05
SNX20	228869_PM_at	1.79382	1.22977E-05
PMAIP1	204285_PM_s_at	2.00893	1.22986E-05
CARD8	204950_PM_at	1.9283	1.23033E-05
EGR1	201693_PM_s_at	2.26682	1.23064E-05
LOC388588	230840_PM_at	-2.23494	1.23819E-05
DNAJC11	215792_PM_s_at	-1.4078	1.23848E-05
CBR1	209213_PM_at	-1.75161	1.2437E-05
GSS	201415_PM_at	-1.6631	1.24374E-05
PNPLA4	209739_PM_s_at	-1.8073	1.24716E-05
C7orf55 /// LUC7L2	226781_PM_at	-1.511	1.25617E-05
UAP1L1	214755_PM_at	-1.52346	1.2618E-05
RNF182	230720_PM_at	1.59785	1.26682E-05
SLC25A42	226737_PM_at	-1.56564	1.27122E-05
MRPL35	218890_PM_x_at	-1.66487	1.28179E-05
LCN2	212531_PM_at	4.6862	1.29869E-05
SEPSECS	227982_PM_at	-1.50232	1.29908E-05
NPR3	219789_PM_at	-3.25871	1.30176E-05
GPC5	207174_PM_at	-3.68042	1.30459E-05
NKX2-5	206578_PM_at	-1.34742	1.30474E-05
RASGRP2	208206_PM_s_at	1.64826	1.30513E-05
SLC4A7	207604_PM_s_at	1.67812	1.31389E-05
NUCB1	200646_PM_s_at	-1.52207	1.31568E-05
NCRNA00113	231491_PM_at	-1.47219	1.31923E-05
LRP8	205282_PM_at	1.34805	1.32791E-05
HDDC2	203259_PM_s_at	-1.4159	1.32793E-05
MIPEP	204305_PM_at	-1.71727	1.33624E-05
FAM198A	232124_PM_at	-1.20932	1.3363E-05
SIGLEC1	219519_PM_s_at	2.08425	1.33683E-05
AIF1	207823_PM_s_at	1.95802	1.34398E-05
ENTPD5	205757_PM_at	-2.50148	1.35121E-05
IYD	231070_PM_at	-2.87239	1.35905E-05
BDH1	211715_PM_s_at	-1.33741	1.36384E-05
ZNF205	206416_PM_at	-1.32454	1.37071E-05
MRPL28	204599_PM_s_at	-1.39064	1.37448E-05
LRP5	209468_PM_at	-1.3858	1.37623E-05
RTN4	210968_PM_s_at	-1.37162	1.38893E-05
BTBD11	228570_PM_at	-1.35714	1.39112E-05
COQ4	218328_PM_at	-1.41881	1.39282E-05

UGT3A1	236597_PM_at	-2.20011	1.39577E-05
SAMSN1	220330_PM_s_at	2.73248	1.39609E-05
VNN2	205922_PM_at	2.16866	1.39629E-05
PHF11	221816_PM_s_at	1.65101	1.39634E-05
PXMP4	219428_PM_s_at	-1.37536	1.39652E-05
JAK3	207187_PM_at	1.73864	1.39698E-05
ABCC6 /// LOC100292	208480_PM_s_at	-2.44456	1.39719E-05
BCKDHB	210653_PM_s_at	-2.10992	1.39792E-05
NMI	203964_PM_at	1.73727	1.39811E-05
C10orf58	224435_PM_at	-1.71888	1.40012E-05
LOC100288099	1556468_PM_at	-1.3437	1.40091E-05
PTPMT1	223808_PM_s_at	-1.41329	1.40184E-05
CMTM7	226017_PM_at	1.54411	1.40542E-05
OGDH	201282_PM_at	-1.33987	1.42011E-05
CRYAA	210199_PM_at	-4.08039	1.42075E-05
LPA /// PLG	209978_PM_s_at	-8.11688	1.42127E-05
RELL1	226430_PM_at	1.68887	1.42831E-05
LOC100132891	228438_PM_at	1.95858	1.43493E-05
IRF7	208436_PM_s_at	2.05253	1.43657E-05
KLRC1 /// KLRC2	206785_PM_s_at	2.19089	1.43838E-05
NDUFS3	201740_PM_at	-1.37039	1.43883E-05
SLC4A1	205592_PM_at	-2.73746	1.44499E-05
CX3CR1	205898_PM_at	1.72922	1.44661E-05
PHYH	203335_PM_at	-2.35863	1.45472E-05
NCKAP5	239650_PM_at	-1.51022	1.45586E-05
C1orf203	236623_PM_at	-1.32014	1.46071E-05
ADAP2	219358_PM_s_at	1.53902	1.47012E-05
TIMM13	218188_PM_s_at	-1.5139	1.47358E-05
LYN	202625_PM_at	2.25652	1.47837E-05
CCDC64	215015_PM_at	-1.31278	1.48564E-05
ALDH6A1	204289_PM_at	-3.17521	1.49375E-05
NROB2	206410_PM_at	-1.60923	1.49407E-05
SLAMF7	219159_PM_s_at	2.12316	1.49811E-05
CDNF	1568696_PM_at	-1.21747	1.50727E-05
REL	206035_PM_at	1.23091	1.51376E-05
MAN2B1	209166_PM_s_at	1.66085	1.52583E-05
TNNT2	215389_PM_s_at	-1.39983	1.52908E-05
C21orf96	220918_PM_at	2.29192	1.53333E-05
HSDL2	209512_PM_at	-1.61068	1.53356E-05
AZGP1	209309_PM_at	-4.47885	1.53407E-05
APOL3	221087_PM_s_at	1.97243	1.53634E-05
HECW1	210331_PM_at	-1.28884	1.53661E-05
TMED4	224676_PM_at	-1.68367	1.53698E-05
GCSH /// LOC1003291	213129_PM_s_at	-1.85026	1.537E-05
CEP110	205642_PM_at	2.07633	1.53743E-05
DHTKD1	209916_PM_at	-1.98878	1.54225E-05
OSGEPL1	220631_PM_at	-1.41701	1.54246E-05

ZNF385D	220117_PM_at	-1.36681	1.55143E-05
DDC	205311_PM_at	-4.86606	1.58067E-05
STARD10	223103_PM_at	-1.8427	1.58656E-05
PPP1R16A	225203_PM_at	-2.48283	1.58762E-05
SLC22A7	220554_PM_at	-3.34785	1.58913E-05
LAT2	211768_PM_at	1.53935	1.5902E-05
SPR	203458_PM_at	-1.53778	1.59598E-05
RNF145	226077_PM_at	1.63014	1.60761E-05
GSTA3	222102_PM_at	-2.23897	1.61122E-05
ESPN	219422_PM_at	-1.20615	1.61122E-05
B3GNT4	221240_PM_s_at	-1.52325	1.61149E-05
PLG	209977_PM_at	-6.83035	1.61743E-05
C11orf63	220141_PM_at	-1.32577	1.63373E-05
MAOB	204041_PM_at	-1.90712	1.63438E-05
NUBPL	220176_PM_at	-1.54777	1.63611E-05
HSD17B8	213540_PM_at	-1.58931	1.64689E-05
GBE1	203282_PM_at	-1.47304	1.64959E-05
NLRP3	207075_PM_at	1.43938	1.65302E-05
FCRLB	238452_PM_at	-1.96758	1.65372E-05
FCN3	205866_PM_at	-2.611	1.65534E-05
IGH@ /// IGHA1 /// IC	217281_PM_x_at	7.10495	1.65791E-05
LOC100288442 /// LO	214035_PM_x_at	1.39252	1.6584E-05
SLC22A6	210343_PM_s_at	-4.68004	1.65912E-05
RAB7L1	218699_PM_at	-2.23387	1.65914E-05
C16orf5	218183_PM_at	-1.41488	1.66032E-05
CD1C	205987_PM_at	2.55237	1.66483E-05
ATP6V0A1	205095_PM_s_at	-1.39467	1.66858E-05
FCN1	205237_PM_at	2.32511	1.67009E-05
CLIC4	201559_PM_s_at	-2.27366	1.67104E-05
DPEP1	205983_PM_at	-3.95386	1.677E-05
HRH1	205579_PM_at	1.71844	1.68844E-05
BTN3A3	204821_PM_at	2.06903	1.68874E-05
CALHM2	221565_PM_s_at	1.80842	1.68965E-05
ARRDC2	226055_PM_at	2.13112	1.69622E-05
SLC25A34	232245_PM_at	-1.84105	1.69657E-05
DDX60	218986_PM_s_at	1.69394	1.70321E-05
ATP5B	201322_PM_at	-1.49494	1.70321E-05
ACVR1B	205209_PM_at	-1.24981	1.70326E-05
MT3	205970_PM_at	-1.32721	1.70769E-05
CHST13	239647_PM_at	-1.31078	1.70821E-05
PAG1	225622_PM_at	2.01413	1.71336E-05
GPHN	220773_PM_s_at	-2.29124	1.71932E-05
ARHGAP32	203431_PM_s_at	-1.44279	1.72679E-05
FCGR1A /// FCGR1C	216950_PM_s_at	3.26934	1.72711E-05
PTPRCAP	204960_PM_at	2.48787	1.73503E-05
GGT6	236225_PM_at	-3.35424	1.73699E-05
DUSP16	224336_PM_s_at	-1.22368	1.74493E-05

XPR1	222581_PM_at	-1.55846	1.74661E-05
LEAP2	1552362_PM_a_at	-2.8252	1.76729E-05
LOC729013	235010_PM_at	-1.77947	1.77033E-05
C20orf43	217737_PM_x_at	-1.23245	1.77343E-05
RPS19	202649_PM_x_at	1.29913	1.77616E-05
MARCKS	201668_PM_x_at	2.11879	1.77826E-05
NAPSB	228055_PM_at	2.5018	1.78389E-05
C12orf52	221777_PM_at	-1.59956	1.78535E-05
POLD2	201115_PM_at	-1.37784	1.78629E-05
HIST1H2BD	209911_PM_x_at	-1.63118	1.80143E-05
FLJ40330	1556183_PM_at	3.34443	1.80168E-05
MRC1 /// MRC1L1	204438_PM_at	2.43906	1.81619E-05
CFH /// CFHR1	215388_PM_s_at	2.00107	1.82003E-05
GOSR2	210009_PM_s_at	-1.59536	1.82866E-05
DNMT3L	220139_PM_at	-2.6418	1.83155E-05
GPRASP2	228027_PM_at	-1.52805	1.8335E-05
MTFR1	203207_PM_s_at	-1.96076	1.8427E-05
FKBP11	219117_PM_s_at	2.58322	1.85049E-05
C19orf28	220178_PM_at	-1.69208	1.85152E-05
XRCC6BP1	227678_PM_at	-1.65205	1.8603E-05
RGS9BP	1556199_PM_a_at	-1.26853	1.8658E-05
HNF4G	232271_PM_at	-2.61516	1.86603E-05
STC2	203438_PM_at	-1.7466	1.87397E-05
IRF8	204057_PM_at	2.34775	1.87398E-05
MGST2	204168_PM_at	-1.39204	1.87835E-05
NAT8B	206964_PM_at	-3.71921	1.88349E-05
NANP	228073_PM_at	-1.55415	1.90066E-05
TNFRSF21	214581_PM_x_at	-1.93948	1.90454E-05
PGRMC2	201701_PM_s_at	-1.44425	1.90527E-05
DGCR9	215003_PM_at	-1.25964	1.90541E-05
OCEL1	205441_PM_at	-1.48606	1.93503E-05
PLA2R1	207415_PM_at	-1.2222	1.9387E-05
SH3YL1	204019_PM_s_at	-1.66844	1.94323E-05
FAHD2A	218504_PM_at	-1.39096	1.94874E-05
PTRH1	228014_PM_at	-1.29452	1.94883E-05
SMCR7L	204593_PM_s_at	-1.49959	1.97009E-05
FHOD1	218530_PM_at	1.52904	1.97173E-05
BRP44L	218024_PM_at	-1.27341	1.97303E-05
GMIP	218913_PM_s_at	1.81011	1.98109E-05
FAR2	220615_PM_s_at	1.54422	1.98346E-05
ST3GAL1	208322_PM_s_at	-2.09714	1.98859E-05
FBXO17 /// SARS2	220233_PM_at	-1.93829	1.99635E-05
ATP6V1B2	201089_PM_at	-1.84579	1.99705E-05
SHMT2	214095_PM_at	-1.58163	2.02009E-05
CA10	220889_PM_s_at	-1.58707	2.0382E-05
ACSS3	219616_PM_at	-1.86035	2.05158E-05
TRIM69	232792_PM_at	1.35721	2.05196E-05

TPBG	203476_PM_at	2.34115	2.05673E-05
IGSF11	228375_PM_at	-2.88584	2.07369E-05
EMB	226789_PM_at	2.87705	2.07528E-05
DEPDC7	228293_PM_at	-2.62029	2.09061E-05
TXN2	209077_PM_at	-1.56567	2.09166E-05
GABRP	205044_PM_at	3.09422	2.09376E-05
TMEM62	218776_PM_s_at	1.27219	2.09526E-05
PLTP	202075_PM_s_at	2.2744	2.09553E-05
ZFYVE1	223387_PM_at	-1.23863	2.09564E-05
NOD2	220066_PM_at	1.59364	2.10595E-05
HSD17B7	220081_PM_x_at	1.36018	2.10605E-05
NDUFB8 /// SEC31B	201226_PM_at	-1.3105	2.10609E-05
ADAM17	205745_PM_x_at	1.33683	2.11642E-05
ZYG11B	225338_PM_at	-1.39723	2.11829E-05
LOC100288442 /// LO	214870_PM_x_at	1.40955	2.12213E-05
ATP5F1	211755_PM_s_at	-1.39592	2.1233E-05
C6	210168_PM_at	1.74246	2.13477E-05
MTMR9L	228593_PM_at	1.65981	2.13562E-05
IL13RA2	206172_PM_at	-2.23314	2.14768E-05
C4orf31	219747_PM_at	-2.46629	2.14958E-05
SELO	233167_PM_at	-1.57027	2.15447E-05
CD300LF	1553043_PM_a_at	2.03039	2.15453E-05
DMXL1	203791_PM_at	-1.52444	2.16075E-05
C22orf28	200042_PM_at	-1.28612	2.16966E-05
ACSS2	234312_PM_s_at	-1.65225	2.17382E-05
IGH@ /// IGHA1 /// IC	211637_PM_x_at	7.20381	2.18071E-05
CCDC106	207006_PM_s_at	-1.34896	2.1833E-05
EFCAB4B	228752_PM_at	2.16666	2.18408E-05
COQ3	221227_PM_x_at	-1.58053	2.1938E-05
OXGR1	1553319_PM_at	-1.29112	2.20771E-05
C10orf10	209182_PM_s_at	1.6248	2.2084E-05
DLD	209095_PM_at	-1.56381	2.21018E-05
CXCL11	210163_PM_at	4.20228	2.21046E-05
GCLC	202922_PM_at	-1.63773	2.21748E-05
ESYT1	208858_PM_s_at	1.54292	2.2183E-05
DNAJC12	218976_PM_at	-2.82987	2.22134E-05
LAYN	228080_PM_at	2.02364	2.23456E-05
POFUT1	212349_PM_at	-1.27145	2.24761E-05
SLC28A1	207560_PM_at	-2.21646	2.25382E-05
GPR155	231166_PM_at	-1.95657	2.26126E-05
CES3	234008_PM_s_at	-1.54285	2.26242E-05
ACSM3	205942_PM_s_at	-2.80277	2.26735E-05
PPIF	201489_PM_at	-1.61738	2.26794E-05
ZC3H7B	205877_PM_s_at	-1.43176	2.26848E-05
BAG3	217911_PM_s_at	-1.62475	2.30238E-05
UGT1A8 /// UGT1A9	221305_PM_s_at	-6.60103	2.31626E-05
FABP1	205892_PM_s_at	-3.81765	2.32333E-05

RHBDL1	207383_PM_s_at	-1.24289	2.33021E-05
TPMT	203671_PM_at	-1.60845	2.33812E-05
BCCIP	218264_PM_at	-1.50306	2.34141E-05
MCOLN3	220484_PM_at	-1.55287	2.34517E-05
GIMAP8	235306_PM_at	1.79351	2.35086E-05
ESD	209009_PM_at	-1.30643	2.35968E-05
VPS13C	218396_PM_at	1.9846	2.3626E-05
PEX19	201706_PM_s_at	-1.4383	2.36879E-05
DRG2	203267_PM_s_at	-1.32098	2.37655E-05
IFRD2	209100_PM_at	-1.39866	2.39672E-05
SSR4	201004_PM_at	1.54816	2.40089E-05
RASD1	223467_PM_at	2.41914	2.40385E-05
ITLN1	223597_PM_at	-2.93502	2.40428E-05
WNK4	229158_PM_at	-1.76719	2.40534E-05
ADRB1	229277_PM_at	-1.31526	2.41921E-05
PDSS2	219307_PM_at	-1.68765	2.42055E-05
DUS4L	205761_PM_s_at	-1.30146	2.42195E-05
PTPRK	203038_PM_at	1.24593	2.4227E-05
NARS2	219217_PM_at	-1.70098	2.42396E-05
MLX	210752_PM_s_at	-1.89021	2.43605E-05
PRKCB	207957_PM_s_at	2.46002	2.43618E-05
SLC41A1	225570_PM_at	-1.58779	2.43725E-05
TARP	209813_PM_x_at	2.41421	2.44038E-05
CBL	225231_PM_at	1.37606	2.44065E-05
TUBB6	209191_PM_at	1.95842	2.44323E-05
ACAD8	221669_PM_s_at	-1.79651	2.45315E-05
P2RY8	229686_PM_at	2.16429	2.45396E-05
LOC497256	1560380_PM_at	-1.22551	2.46E-05
PC	204476_PM_s_at	-2.9816	2.4704E-05
HSD11B1L	228757_PM_at	-1.2225	2.47232E-05
DOK3	220320_PM_at	1.67179	2.48335E-05
MICB	206247_PM_at	1.89661	2.49302E-05
CSDC2	209981_PM_at	-2.149	2.50113E-05
DECR1	202447_PM_at	-1.39822	2.50205E-05
NRK	227971_PM_at	-1.619	2.50809E-05
IL27RA	205926_PM_at	2.07214	2.51407E-05
VSIG4	204787_PM_at	3.26847	2.52245E-05
FAM173A	219709_PM_x_at	-1.4918	2.53023E-05
ST3GAL4	203759_PM_at	-1.42035	2.54473E-05
FBXL5	209004_PM_s_at	-1.49602	2.56724E-05
TMEM25	226647_PM_at	-1.36718	2.58176E-05
C10orf26	202808_PM_at	1.27607	2.58447E-05
CSPP1	220072_PM_at	-1.56815	2.58574E-05
F7	207300_PM_s_at	-1.25716	2.59121E-05
LOC25845	225457_PM_s_at	-2.56143	2.61322E-05
SHANK1	220563_PM_s_at	-1.20295	2.61449E-05
PDK1	206686_PM_at	1.81886	2.62342E-05

ACN9	218981_PM_at	-1.46934	2.62799E-05
MYH8	206717_PM_at	-2.87947	2.62914E-05
PCP2	244751_PM_at	-1.27577	2.63812E-05
ETV6	205585_PM_at	1.59011	2.63818E-05
GALNT6	219956_PM_at	1.61254	2.63893E-05
GHR	205498_PM_at	-1.90324	2.63927E-05
SNX4	205329_PM_s_at	-1.66197	2.64325E-05
ALDH1L1	205208_PM_at	-1.87222	2.64469E-05
SLC9A9	227791_PM_at	1.30635	2.64502E-05
FBXO44	222861_PM_x_at	-1.27689	2.64514E-05
RTCD1	203594_PM_at	-1.4471	2.65226E-05
RBPMS2	228802_PM_at	-2.16269	2.66186E-05
IRF4	204562_PM_at	2.24779	2.66235E-05
EMR2	207610_PM_s_at	1.47758	2.66343E-05
STEAP1	205542_PM_at	-2.2924	2.69348E-05
NPC1	202679_PM_at	1.50029	2.69354E-05
LMTK2	226375_PM_at	-1.34802	2.69859E-05
PON3	213695_PM_at	-1.75321	2.70014E-05
NTM	222020_PM_s_at	2.09027	2.70027E-05
SEL1L3	212311_PM_at	2.0657	2.70393E-05
MRPL46	219244_PM_s_at	-1.46337	2.70544E-05
SGK2	220357_PM_s_at	-2.2494	2.70588E-05
ACP5	204638_PM_at	-2.8114	2.71424E-05
NUDT4	206303_PM_s_at	-1.73191	2.71937E-05
TNFAIP8L2	223583_PM_at	1.6442	2.7333E-05
TMEM154	238063_PM_at	2.2882	2.73439E-05
BCL11B	219528_PM_s_at	2.7499	2.73514E-05
TEX264	218548_PM_x_at	-1.49612	2.74082E-05
TMPRSS4	218960_PM_at	2.1668	2.7472E-05
ADH6	207544_PM_s_at	-3.33716	2.74903E-05
TIFA	226117_PM_at	1.49252	2.7628E-05
PVRIG	219812_PM_at	2.70097	2.76321E-05
TMEM184B	202027_PM_at	1.27837	2.7647E-05
WFDC2	203892_PM_at	1.64497	2.7654E-05
WDR74	218278_PM_at	-1.2354	2.79602E-05
ANKDD1A	229497_PM_at	1.72141	2.79607E-05
GJB1	204973_PM_at	-2.05713	2.80342E-05
SEC13	207707_PM_s_at	-1.27447	2.81847E-05
ESRRG	207981_PM_s_at	-2.22422	2.82064E-05
HES7	224548_PM_at	-1.21635	2.821E-05
ADAL	238424_PM_at	-1.43606	2.82262E-05
AGR3	228241_PM_at	2.81407	2.83804E-05
LOC374443	240572_PM_s_at	2.06462	2.83989E-05
GOT1	208813_PM_at	-2.00945	2.84033E-05
FNIP2	225922_PM_at	-1.46489	2.84381E-05
EXOSC4	218695_PM_at	-1.50492	2.87263E-05
CYP27A1	203979_PM_at	-1.84926	2.8773E-05

BCL6	203140_PM_at	2.11385	2.87854E-05
RPL39L	210115_PM_at	1.52952	2.88124E-05
BCL2L10	221320_PM_at	-1.25852	2.89056E-05
VEPH1	229759_PM_s_at	-2.4073	2.89755E-05
ZDHHC9	222451_PM_s_at	-1.98731	2.89768E-05
SUSD3	227182_PM_at	-1.36315	2.89818E-05
SYCE1L	1559960_PM_x_at	1.84541	2.90001E-05
TM6SF2	216736_PM_at	-1.33184	2.9001E-05
PBLD	219543_PM_at	-2.83315	2.9049E-05
FBP1	209696_PM_at	-2.99135	2.90511E-05
PEX7	205420_PM_at	-1.78685	2.91441E-05
CCL28	224027_PM_at	1.92695	2.91548E-05
APOL1	209546_PM_s_at	2.31139	2.91551E-05
FCGR1B	214511_PM_x_at	3.2346	2.91632E-05
ASAH1	210980_PM_s_at	-1.52052	2.93266E-05
CCRL2	211434_PM_s_at	1.52145	2.9332E-05
HVCN1	226879_PM_at	1.70581	2.93467E-05
NNT	202783_PM_at	-1.95318	2.9413E-05
HHEX	204689_PM_at	1.63453	2.9451E-05
SOX4	201416_PM_at	1.78616	2.94875E-05
CCNYL1	227280_PM_s_at	-1.32821	2.94989E-05
IGHA1 /// IGHD /// IG	211650_PM_x_at	5.60296	2.94998E-05
SLC25A1	210010_PM_s_at	-2.02796	2.95124E-05
PAR6A	205245_PM_at	-1.43538	2.95286E-05
DNAJB9	202842_PM_s_at	-1.85377	2.95775E-05
CHST7	206756_PM_at	1.68936	2.9596E-05
SC5DL	211423_PM_s_at	-1.20223	2.96066E-05
TATDN3	228867_PM_at	-1.34205	2.96179E-05
SLC25A39	223649_PM_s_at	-1.86501	2.97383E-05
PFKP	201037_PM_at	1.29733	3.0107E-05
MYOM3	230284_PM_at	-1.86857	3.01995E-05
RUNX3	204197_PM_s_at	2.23311	3.02048E-05
OASL	205660_PM_at	1.48946	3.03396E-05
REEP4	218777_PM_at	1.5598	3.03409E-05
ADSSL1	226325_PM_at	-1.70751	3.03421E-05
CLCNKB	205985_PM_x_at	-2.65136	3.04079E-05
NUDT4 /// NUDT4P1	206302_PM_s_at	-1.80819	3.05645E-05
LOC400986	1555898_PM_at	1.34842	3.05895E-05
BTN3A1	207485_PM_x_at	1.71007	3.06407E-05
CXCL10	204533_PM_at	3.23236	3.06469E-05
TMEM53	219462_PM_at	-1.69598	3.09326E-05
STAMBPL1	227606_PM_s_at	1.83684	3.09453E-05
DCAF13	220843_PM_s_at	-1.53419	3.12473E-05
LOC339047	221501_PM_x_at	1.36804	3.12943E-05
ABCC1	202804_PM_at	1.43206	3.13704E-05
CMPK2	226702_PM_at	2.21888	3.13769E-05
C5orf33	226946_PM_at	-1.73005	3.14404E-05

CYP2J2	205073_PM_at	-2.09506	3.15784E-05
MTMR4	212277_PM_at	-1.58519	3.15797E-05
AG2	227099_PM_s_at	1.95183	3.15845E-05
LIAS	214045_PM_at	-1.94548	3.15918E-05
XPNPEP2	206484_PM_s_at	-4.556	3.16246E-05
SPATA24	238027_PM_at	-1.38112	3.16252E-05
FER1L4	220388_PM_at	1.46427	3.16292E-05
SLC16A2	204462_PM_s_at	-1.79298	3.16357E-05
UCP2	208997_PM_s_at	1.91741	3.16552E-05
C17orf79	225096_PM_at	-1.29837	3.1718E-05
APOBEC3C	209584_PM_x_at	1.37183	3.17348E-05
BLCAP	201032_PM_at	-1.22536	3.17463E-05
MRPL16	217980_PM_s_at	-1.31129	3.17935E-05
CD33	206120_PM_at	1.67491	3.18025E-05
TMEM178	229302_PM_at	-2.11738	3.1866E-05
ETNK2	219268_PM_at	-2.43619	3.18727E-05
SELPLG	209879_PM_at	1.66684	3.18957E-05
NLGN4X	221933_PM_at	1.33024	3.20512E-05
REEP6	226597_PM_at	-2.61688	3.20761E-05
RAB6A	201045_PM_s_at	-1.23359	3.21655E-05
YPEL2	227020_PM_at	1.49444	3.2175E-05
CELF2	202156_PM_s_at	2.40091	3.21948E-05
TYMP	204858_PM_s_at	1.77255	3.25721E-05
CPEB1	219578_PM_s_at	-1.46989	3.25807E-05
UQCRFS1	208909_PM_at	-1.38488	3.26071E-05
IL17RA	205707_PM_at	1.67162	3.27273E-05
MS4A14	229510_PM_at	1.61355	3.28525E-05
IGHA1 /// IGHD /// IG	216557_PM_x_at	5.52502	3.28593E-05
TNFAIP8L1	227420_PM_at	-1.53862	3.28605E-05
C21orf2	203993_PM_x_at	-1.27787	3.29472E-05
LOC100289219	242705_PM_x_at	-1.69801	3.29982E-05
SLC22A8	221298_PM_s_at	-5.4537	3.30124E-05
CAMK1D /// LOC2830	226382_PM_at	2.08299	3.30219E-05
VIM	201426_PM_s_at	1.52263	3.3024E-05
PRF1	214617_PM_at	1.77626	3.30452E-05
AGR2	209173_PM_at	2.68846	3.32639E-05
TM7SF2	210130_PM_s_at	-1.81288	3.32779E-05
SUCLA2	202930_PM_s_at	-1.54861	3.33156E-05
ENTPD1	207691_PM_x_at	1.62996	3.33591E-05
MAP7D2	228262_PM_at	-2.45137	3.34203E-05
FLJ32255	235291_PM_s_at	1.87705	3.34211E-05
NDFIP2	224799_PM_at	-1.69314	3.34902E-05
HDAC11	219847_PM_at	-1.30678	3.35064E-05
ZNF662	228538_PM_at	1.65066	3.36629E-05
C19orf66	218429_PM_s_at	1.77709	3.37452E-05
LIX1	230865_PM_at	2.72941	3.37559E-05
BCL2A1	205681_PM_at	3.07102	3.37832E-05

PPID	204185_PM_x_at	-1.77833	3.37994E-05
ATPAF2	213057_PM_at	-1.25677	3.4093E-05
CYP4F12	206539_PM_s_at	-1.51613	3.40934E-05
FOXI1	208006_PM_at	-1.77209	3.43075E-05
S100A7A	232220_PM_at	-1.22634	3.43515E-05
OSTBETA	230830_PM_at	-3.93943	3.44642E-05
SLC15A3	219593_PM_at	1.67843	3.44819E-05
CISD1	218597_PM_s_at	-1.35686	3.44958E-05
RTN1	203485_PM_at	1.74698	3.45138E-05
GUF1	218884_PM_s_at	-1.33389	3.45393E-05
TCEA2	203919_PM_at	-1.57807	3.45974E-05
FGF1	205117_PM_at	-2.435	3.47996E-05
SLC34A2	204124_PM_at	3.33215	3.48178E-05
CLDN1	218182_PM_s_at	1.96447	3.48195E-05
THEMIS	1558971_PM_at	1.97903	3.48363E-05
MME	203434_PM_s_at	-3.93529	3.49106E-05
C11orf54	223268_PM_at	-2.12694	3.49431E-05
CSGALNACT1	219049_PM_at	1.49322	3.4986E-05
NT5E	203939_PM_at	-1.89134	3.52285E-05
GCGR	210565_PM_at	-1.26142	3.52339E-05
ADRB2	206170_PM_at	1.77029	3.52519E-05
MAP7D3	219576_PM_at	1.57938	3.53644E-05
ATG16L2	225883_PM_at	1.68261	3.53757E-05
FBXO22	225734_PM_at	-1.55102	3.55002E-05
GOLGA6L4 /// PML	211012_PM_s_at	1.3029	3.55078E-05
PDE8A	212521_PM_s_at	-1.68699	3.55156E-05
AQP3	203747_PM_at	-2.3256	3.55329E-05
AGPHD1	236150_PM_at	-1.98847	3.56847E-05
FOSL2	205409_PM_at	1.96461	3.58102E-05
STOML2	215416_PM_s_at	-1.41466	3.59926E-05
HEPACAM2	242601_PM_at	-2.55929	3.60186E-05
LOC100288409	243849_PM_at	-1.20981	3.61855E-05
SLC5A10	239707_PM_at	-3.64837	3.62001E-05
IL12RB1	239522_PM_at	1.60059	3.62015E-05
GOLGA8G /// LOC653	222149_PM_x_at	1.35559	3.62835E-05
DLAT	211150_PM_s_at	-1.72291	3.63221E-05
ADM	202912_PM_at	-1.90027	3.63954E-05
ALDH4A1	203722_PM_at	-2.66414	3.66684E-05
FANCC	205189_PM_s_at	-1.30226	3.66701E-05
NCS1	218266_PM_s_at	-1.38744	3.67885E-05
SGK223	235085_PM_at	1.70936	3.67975E-05
CDK5	204247_PM_s_at	-1.60572	3.68087E-05
HSPA6	117_PM_at	1.88103	3.69098E-05
DPEP2	219452_PM_at	1.88908	3.69794E-05
MEI1	230011_PM_at	1.96608	3.69806E-05
FAM184A	220150_PM_s_at	-1.37737	3.71836E-05
TLE1	203220_PM_s_at	1.37286	3.71928E-05

MAPK12	206106_PM_at	-1.32134	3.72147E-05
SDCBP	200958_PM_s_at	1.3064	3.72192E-05
PRKCZ	202178_PM_at	-1.61723	3.72243E-05
IGH@ /// IGHA1 /// IC	214916_PM_x_at	5.37886	3.73877E-05
LY9	210370_PM_s_at	1.80233	3.75042E-05
GZMB	210164_PM_at	2.72243	3.76058E-05
RTDR1	220105_PM_at	-1.3895	3.76884E-05
DLGAP1	206489_PM_s_at	1.25226	3.77915E-05
C10orf57	218174_PM_s_at	-1.51731	3.79227E-05
TMEM192	226589_PM_at	-1.73505	3.79295E-05
ISG15	205483_PM_s_at	2.1618	3.79314E-05
MARVELD3	233634_PM_at	-1.68914	3.79874E-05
RRAS2	208456_PM_s_at	-1.78222	3.81188E-05
C5orf27	239380_PM_at	-1.27961	3.81245E-05
RAB21	203885_PM_at	-1.38177	3.82724E-05
ATP2A3	207522_PM_s_at	2.1883	3.85229E-05
IGHG1 /// IGHM /// L	211640_PM_x_at	1.73726	3.88975E-05
FCGR3B	204007_PM_at	2.65742	3.89126E-05
AGMAT	219792_PM_at	-2.03793	3.91806E-05
RDH11	217775_PM_s_at	-1.38999	3.91912E-05
WAS	205400_PM_at	1.52244	3.94477E-05
ADD3	201034_PM_at	-1.49778	3.94498E-05
FHIT	206492_PM_at	-1.95299	3.95986E-05
PECR	221142_PM_s_at	-1.52271	3.96032E-05
SLC6A13	207184_PM_at	-2.73491	3.96763E-05
SLC38A9	235241_PM_at	1.67482	3.97308E-05
RPP14	204245_PM_s_at	-1.39155	3.98759E-05
EVPLL /// LOC100132	236933_PM_at	-1.2587	3.98804E-05
PYHIN1	216748_PM_at	1.77233	3.98843E-05
BLVRB	202201_PM_at	-1.29249	3.98862E-05
LOC729970	230433_PM_at	-2.08991	3.99267E-05
SLC22A11	220100_PM_at	-3.26734	3.99776E-05
S100A9	203535_PM_at	2.521	3.99977E-05
CHST11	219634_PM_at	1.95082	4.00072E-05
TMLHE	218790_PM_s_at	-1.239	4.00112E-05
CACNB3	209530_PM_at	1.38632	4.00223E-05
OAS2	204972_PM_at	1.89128	4.00391E-05
PARP11	220315_PM_at	1.61845	4.00834E-05
NECAB3	210720_PM_s_at	-1.3276	4.01017E-05
APOE	203381_PM_s_at	-2.56269	4.02039E-05
PLAUR	210845_PM_s_at	2.04493	4.0364E-05
KCNA3	207237_PM_at	1.41899	4.03855E-05
FA2H	219429_PM_at	-1.39882	4.03918E-05
C2CD2	212875_PM_s_at	1.62236	4.0398E-05
NCRNA00175	1564017_PM_at	-1.31083	4.05826E-05
COX7B	202110_PM_at	-1.5677	4.07327E-05
C20orf7	222894_PM_x_at	-1.74479	4.14952E-05

DNAJB12	202865_PM_at	-1.25006	4.16436E-05
AOX1	205082_PM_s_at	-2.45408	4.16471E-05
IFI30	201422_PM_at	1.61126	4.16668E-05
TMEM49	1569003_PM_at	1.88323	4.17136E-05
HAO2	220801_PM_s_at	-5.11339	4.1724E-05
MGC16075	1553708_PM_at	1.26897	4.21533E-05
LAX1	207734_PM_at	2.3456	4.21611E-05
YIF1A	202418_PM_at	-1.41982	4.21772E-05
ABCC6P1	236205_PM_at	-2.6132	4.21977E-05
ACO2	200793_PM_s_at	-1.41663	4.23836E-05
BNIP2	209308_PM_s_at	1.53892	4.26473E-05
FASTKD5	219016_PM_at	-1.63461	4.26504E-05
CDC7	204510_PM_at	1.90588	4.28143E-05
DDX50	221699_PM_s_at	1.6344	4.29315E-05
EHHADH	205222_PM_at	-2.33938	4.30605E-05
LASS2	222212_PM_s_at	-1.48061	4.3102E-05
DYNLL2	229106_PM_at	-1.64658	4.3123E-05
PLEKHF1	219566_PM_at	1.66968	4.35155E-05
MPDU1	209208_PM_at	-1.56329	4.3579E-05
APOM	205682_PM_x_at	-4.56609	4.3875E-05
GOS2	213524_PM_s_at	-1.66928	4.39843E-05
C12orf49	218867_PM_s_at	-1.49254	4.40683E-05
UBE2M	203109_PM_at	-1.75451	4.41188E-05
INHBA	204926_PM_at	1.61404	4.44697E-05
SLIT2	209897_PM_s_at	-2.03232	4.46269E-05
P2RY14	206637_PM_at	1.91473	4.46305E-05
MLKL	238025_PM_at	2.27684	4.46487E-05
PELI1	218319_PM_at	1.77816	4.46575E-05
SLC22A12	237799_PM_at	-3.21111	4.46609E-05
D2HGDH	228738_PM_at	-1.53238	4.47786E-05
PLEKHO2	204436_PM_at	1.96412	4.47819E-05
SLC43A3	213113_PM_s_at	1.95658	4.48023E-05
IGHD /// LOC1002900	214973_PM_x_at	5.06235	4.4804E-05
CYP4F11	206153_PM_at	-1.37713	4.48199E-05
ALKBH5	228034_PM_x_at	-1.76357	4.4992E-05
OSMR	205729_PM_at	1.54451	4.50361E-05
CCND1	208711_PM_s_at	-1.70238	4.51112E-05
UROD	208970_PM_s_at	-1.57352	4.51382E-05
WT1	206067_PM_s_at	-1.84299	4.53273E-05
OPA3	206357_PM_at	-1.32715	4.53555E-05
MBOAT1	227379_PM_at	1.7685	4.53968E-05
TMEM120B	219154_PM_at	-1.23738	4.54485E-05
GSTZ1	209531_PM_at	-1.75454	4.54734E-05
ANKS1B	219989_PM_s_at	-1.21667	4.548E-05
FH	203032_PM_s_at	-2.15092	4.55185E-05
GAS5	224741_PM_x_at	1.71363	4.55504E-05
SLFN11	226743_PM_at	2.04914	4.5684E-05

CECR5	218592_PM_s_at	-1.36313	4.56888E-05
GPFR	210640_PM_s_at	-1.28832	4.57775E-05
UBA7	1294_PM_at	1.74788	4.60384E-05
SPHK1	219257_PM_s_at	1.56066	4.61092E-05
NUDT7	228855_PM_at	-1.63979	4.61288E-05
SERPINF2	205075_PM_at	-2.14894	4.61319E-05
CISD3	226727_PM_at	-1.62703	4.61341E-05
CHN2	207486_PM_x_at	-1.28051	4.63643E-05
COTL1	221059_PM_s_at	-1.50856	4.63664E-05
CES2	209667_PM_at	-2.09262	4.64639E-05
C10orf125	230259_PM_at	-2	4.64761E-05
MRPS24	224948_PM_at	-1.24998	4.6527E-05
TBRG4	220789_PM_s_at	-1.40964	4.6744E-05
RARRES1	206392_PM_s_at	2.99737	4.6835E-05
KIAA1191	224502_PM_s_at	-1.62874	4.70453E-05
SNX5	217792_PM_at	-1.55751	4.71042E-05
RGS1	202988_PM_s_at	2.87225	4.71228E-05
NT5DC1	223177_PM_at	-1.5392	4.76108E-05
LOC389634	1560119_PM_at	-1.27248	4.76121E-05
ASS1	207076_PM_s_at	-2.68627	4.7616E-05
F10	205620_PM_at	-1.28032	4.76465E-05
HSPE1	205133_PM_s_at	-1.35122	4.78151E-05
NSUN5	203802_PM_x_at	1.3421	4.79568E-05
RNF144B	228153_PM_at	1.70463	4.79828E-05
C9orf84	233504_PM_at	-1.28744	4.79997E-05
FZD2	210220_PM_at	1.74135	4.83479E-05
SNHG12	223773_PM_s_at	1.65347	4.83572E-05
TRAT1	217147_PM_s_at	2.33055	4.83723E-05
TMEM71	238429_PM_at	1.79189	4.83729E-05
CRHBP	205984_PM_at	-3.18137	4.87875E-05
FAM132B	229622_PM_at	2.52729	4.88097E-05
APBB1IP	219994_PM_at	1.55118	4.88775E-05
DIO1	206457_PM_s_at	-5.83736	4.90506E-05
THNSL1	219800_PM_s_at	-1.4344	4.92404E-05
MAP3K8	235421_PM_at	2.00276	4.92542E-05
CLIC2	213415_PM_at	1.83293	4.94356E-05
SIRPG	220485_PM_s_at	1.99801	4.94735E-05
SERPINA5	209443_PM_at	-2.16226	4.9482E-05
CYP4A11	207407_PM_x_at	-2.87067	4.95355E-05
SEMA4B	234725_PM_s_at	1.59143	4.95403E-05
SFMBT2	227210_PM_at	1.95273	4.99829E-05
C6orf150	242077_PM_x_at	1.22525	5.03584E-05
TUBB2A /// TUBB2B	209372_PM_x_at	-1.7101	5.05487E-05
SH2B3	203320_PM_at	1.77905	5.05697E-05
PAFAH2	205232_PM_s_at	-1.56237	5.05724E-05
OGG1	205301_PM_s_at	-1.63495	5.05773E-05
TRIP4	203732_PM_at	-1.39945	5.06955E-05

KCNQ1	204487_PM_s_at	-1.32689	5.07636E-05
SDK1	229407_PM_at	1.2831	5.10261E-05
TYRP1	205694_PM_at	-2.62755	5.10449E-05
CIAO1	203536_PM_s_at	-1.51142	5.10562E-05
CD27	206150_PM_at	2.79897	5.11328E-05
FGFR1OP	205588_PM_s_at	-1.38451	5.11575E-05
LOC100128868	1555392_PM_at	1.6464	5.11851E-05
TFRC	207332_PM_s_at	-1.39049	5.13398E-05
LOC728153	233204_PM_at	1.47619	5.13431E-05
APOC1	204416_PM_x_at	2.60689	5.13639E-05
TRAPPC6A	204985_PM_s_at	-1.73693	5.13834E-05
RNF135	223591_PM_at	-1.312	5.14075E-05
SDHC	202004_PM_x_at	-1.75868	5.14191E-05
AK3L1	204347_PM_at	-3.00915	5.15739E-05
TMEM43	217795_PM_s_at	1.43816	5.16498E-05
HN1	217755_PM_at	1.55944	5.16607E-05
SLC13A2	207567_PM_at	-2.65611	5.17751E-05
SLC25A3	200030_PM_s_at	-1.29603	5.17876E-05
USP51	229278_PM_at	-1.44836	5.22001E-05
HIBADH	224812_PM_at	-2.95834	5.25216E-05
NXN	219489_PM_s_at	1.76307	5.25248E-05
TRIM55	232721_PM_at	-1.33515	5.25311E-05
SHISA5	222986_PM_s_at	1.43463	5.25331E-05
TOMM34	201870_PM_at	-1.37871	5.25484E-05
SERPINB1	212268_PM_at	1.39345	5.25679E-05
ALDH3B1	205640_PM_at	-1.672	5.25886E-05
GOLT1A	229372_PM_at	-1.83231	5.29716E-05
LHFP	218656_PM_s_at	1.81645	5.29763E-05
SLAMF6	1552497_PM_a_at	1.77371	5.299E-05
RHBDD2	222995_PM_s_at	-1.65743	5.31593E-05
KIAA0564	212946_PM_at	-1.55421	5.34884E-05
MRS2	218536_PM_at	-1.7844	5.3706E-05
MED11	226958_PM_s_at	-1.34777	5.37257E-05
ALDH7A1	208950_PM_s_at	-2.12092	5.37742E-05
ATP7B	204624_PM_at	-1.53946	5.38491E-05
SLC35D1	209711_PM_at	-1.80987	5.4303E-05
GBP4	235175_PM_at	1.6062	5.44215E-05
HADHB	201007_PM_at	-1.31962	5.48471E-05
SYPL1	201259_PM_s_at	-1.48484	5.51066E-05
ARTN	210237_PM_at	-1.25355	5.53865E-05
CYP4A11 /// CYP4A22	1554837_PM_a_at	-3.03375	5.54189E-05
GLUD2	210447_PM_at	-1.81836	5.56343E-05
ITGB2	202803_PM_s_at	2.25423	5.56979E-05
KLHL6	228167_PM_at	1.76497	5.5814E-05
RHOH	204951_PM_at	2.2799	5.58179E-05
DNAJC6	204720_PM_s_at	-2.22867	5.60368E-05
PLIN2	209122_PM_at	-1.27891	5.6037E-05

TST	209605_PM_at	-2.08232	5.60461E-05
PIM2	204269_PM_at	2.04597	5.613E-05
MPP5	219321_PM_at	-1.37976	5.61543E-05
PTPN2	213136_PM_at	1.55854	5.63288E-05
IGH@ /// IGHA1 /// IC	211634_PM_x_at	4.14717	5.6331E-05
SIDT1	219734_PM_at	1.73206	5.6588E-05
GGH	203560_PM_at	-2.21517	5.65915E-05
C11orf66	235402_PM_at	-1.43817	5.65988E-05
ACSL1	201963_PM_at	-1.98855	5.6611E-05
NUDT12	223535_PM_at	-1.38867	5.66218E-05
PRR13	217794_PM_at	-1.24932	5.67764E-05
SLC1A4	209610_PM_s_at	1.64501	5.70064E-05
TOM1L1	204485_PM_s_at	-1.51156	5.72214E-05
ACY1	202740_PM_at	-1.88377	5.76875E-05
APOL6	219716_PM_at	1.7912	5.77058E-05
PLCB4	203895_PM_at	2.19859	5.77169E-05
CHKA	204233_PM_s_at	-1.39958	5.7817E-05
CYTH2	209158_PM_s_at	1.66472	5.78264E-05
SLC1A3	202800_PM_at	2.45185	5.78847E-05
GIPC2	219970_PM_at	-2.60797	5.78925E-05
CPEB4	224828_PM_at	-1.69939	5.79512E-05
ARSB	206129_PM_s_at	-1.4973	5.81044E-05
DUS1L	217912_PM_at	-1.28578	5.81649E-05
ATP6V1C1	202872_PM_at	-1.61747	5.81682E-05
KLHL21	203068_PM_at	-1.35159	5.83519E-05
CKLF	219161_PM_s_at	1.87521	5.84853E-05
GALNT1	201722_PM_s_at	1.40778	5.85289E-05
CLCNKA /// CLCNKB	207047_PM_s_at	-2.41236	5.85758E-05
NPIP	204538_PM_x_at	1.35755	5.87725E-05
ZFPL1	209428_PM_s_at	-1.37517	5.88717E-05
PTGR1	228824_PM_s_at	-2.27354	5.90129E-05
MTG1	212767_PM_at	-1.4272	5.90598E-05
DCK	203302_PM_at	1.60026	5.90727E-05
RELB	205205_PM_at	1.66153	5.93184E-05
RTKN	225150_PM_s_at	-1.21309	5.93259E-05
FAM104A	225319_PM_s_at	1.26745	5.94225E-05
L3MBTL4	228557_PM_at	-1.23872	5.95161E-05
CCNA2	203418_PM_at	1.43239	5.97397E-05
ADAMDEC1	206134_PM_at	4.23929	5.98904E-05
SLC26A2	205097_PM_at	1.62895	5.99955E-05
CFH	213800_PM_at	1.91216	6.02139E-05
ST6GAL1	201998_PM_at	1.30031	6.02228E-05
NAT8L	228880_PM_at	-1.43617	6.0423E-05
STARD8	206868_PM_at	-1.36028	6.08062E-05
RHBG	220510_PM_at	-1.84987	6.09995E-05
GPX8	227628_PM_at	1.91092	6.10007E-05
DUSP10	215501_PM_s_at	1.43162	6.10348E-05

PHACTR3	227949_PM_at	1.5813	6.10407E-05
SOCS3	206359_PM_at	1.55299	6.10502E-05
CIRH1A	224903_PM_at	-1.61486	6.1054E-05
MSL3	207551_PM_s_at	1.37722	6.11512E-05
ATP6V0C	200954_PM_at	-1.40336	6.14195E-05
C14orf106	206500_PM_s_at	1.64429	6.14229E-05
LAT /// SPNS1	209881_PM_s_at	1.86519	6.14246E-05
LIN7A	206440_PM_at	-1.40596	6.18638E-05
C1orf183	220476_PM_s_at	-1.32728	6.1892E-05
GTPBP6	203314_PM_at	-1.40021	6.20291E-05
RMST	229782_PM_at	-1.63991	6.21508E-05
FPR1	205119_PM_s_at	2.55226	6.23466E-05
CPPED1	218610_PM_s_at	-1.4656	6.24574E-05
CSF2RA	207085_PM_x_at	1.51011	6.24652E-05
NIT1	202891_PM_at	-1.39009	6.24738E-05
FAU	200019_PM_s_at	1.20819	6.30702E-05
NSUN5P1	213670_PM_x_at	1.4628	6.31507E-05
MANSC1	220945_PM_x_at	1.42922	6.3235E-05
KLF15	221302_PM_at	-1.56584	6.34067E-05
ST3GAL5	203217_PM_s_at	1.65861	6.36064E-05
SEPHS1	208939_PM_at	-1.46893	6.36554E-05
MRPS2	218001_PM_at	-1.5443	6.39262E-05
ZNF486	1553901_PM_x_at	1.27661	6.41749E-05
IDO1	210029_PM_at	2.66742	6.4189E-05
PEX11A	205160_PM_at	-1.36277	6.41893E-05
NUDT6	220183_PM_s_at	-2.20397	6.41946E-05
A1CF	220951_PM_s_at	-3.29545	6.42056E-05
TGM6	233983_PM_at	-1.26972	6.4226E-05
PLEKHA6	205093_PM_at	-1.55696	6.42429E-05
NCOA2	205731_PM_s_at	1.34084	6.43269E-05
ATG4D	226871_PM_s_at	-1.30534	6.45082E-05
PLOD1	200827_PM_at	-1.57187	6.45235E-05
MOSC1	218865_PM_at	-1.38919	6.47086E-05
ASPRV1	235514_PM_at	-1.32608	6.47167E-05
CPT1A	203633_PM_at	-1.24299	6.48374E-05
BID	204493_PM_at	1.54972	6.48466E-05
ZC3H12A	218810_PM_at	1.41548	6.4922E-05
NDUFA9	208969_PM_at	-1.26602	6.49692E-05
MUC6	214133_PM_at	-1.24412	6.49726E-05
PPM1L	228108_PM_at	-1.59749	6.49741E-05
BCMO1	220087_PM_at	-1.35697	6.50582E-05
MAGI1	206144_PM_at	-1.34513	6.51137E-05
YRDC	218647_PM_s_at	-1.27562	6.5124E-05
F13A1	203305_PM_at	1.7491	6.52728E-05
CLIC6	227742_PM_at	1.59772	6.53216E-05
FGF9	206404_PM_at	-1.91202	6.53261E-05
POM121L9P	206819_PM_at	1.68914	6.54427E-05

MICAL2	212472_PM_at	1.8312	6.54782E-05
APOO	221620_PM_s_at	-1.68298	6.55166E-05
C18orf19	230739_PM_at	-1.45141	6.55398E-05
SLC1A1	206396_PM_at	-1.74187	6.55535E-05
EPSTI1	227609_PM_at	1.90289	6.55683E-05
HYAL1	210619_PM_s_at	-1.99519	6.55887E-05
XBP1	200670_PM_at	1.41371	6.63518E-05
CD44	204489_PM_s_at	1.92477	6.70317E-05
MCTP2	220603_PM_s_at	1.52717	6.70437E-05
COX6A1	200925_PM_at	-1.21972	6.74243E-05
GFM2	225392_PM_at	-1.48281	6.76794E-05
HNMT	204110_PM_at	-1.21272	6.79055E-05
KCTD12	212188_PM_at	1.60456	6.79136E-05
CREB3L2	212345_PM_s_at	1.24811	6.79459E-05
APOOL	213282_PM_at	-1.71034	6.81398E-05
SAR1B	218254_PM_s_at	-1.86295	6.82115E-05
PLEKHO1	218223_PM_s_at	2.04658	6.82928E-05
LOC440330	223911_PM_at	-1.22996	6.84442E-05
CCL3 /// CCL3L1 /// C	205114_PM_s_at	2.54332	6.84681E-05
RASA2	206636_PM_at	1.6004	6.85495E-05
GSTA1	203924_PM_at	-2.40283	6.85954E-05
SP140	207777_PM_s_at	2.07014	6.87505E-05
GLIS1	244128_PM_x_at	-1.68306	6.87688E-05
LOC541471	232918_PM_at	1.21064	6.8858E-05
ACP2	202767_PM_at	-1.39681	6.89073E-05
TBC1D10C	228258_PM_at	2.38755	6.89107E-05
CCNG1	208796_PM_s_at	-1.28794	6.89302E-05
EMP3	203729_PM_at	1.82826	6.89308E-05
TMEM149	219690_PM_at	1.77604	6.89659E-05
DDX54	219111_PM_s_at	-1.2352	6.92962E-05
ATP5G1	208972_PM_s_at	-1.35604	6.93442E-05
HSD17B10	202282_PM_at	-1.46018	6.93774E-05
UBE2D4	218837_PM_s_at	-1.39276	6.95626E-05
MLL3	222413_PM_s_at	1.71536	6.95651E-05
FAM65B	206707_PM_x_at	2.18147	6.9801E-05
RBBP5	205169_PM_at	-1.36419	7.03637E-05
LOC100132247 /// NF	211996_PM_s_at	1.58481	7.03906E-05
FABP3	205738_PM_s_at	-2.5547	7.04157E-05
SLC1A5	208916_PM_at	-1.35526	7.04425E-05
CYB5A	207843_PM_x_at	-1.63138	7.04739E-05
DEF6	221293_PM_s_at	1.7323	7.05726E-05
DCAF11	201886_PM_at	-1.4934	7.07114E-05
ADAR	201786_PM_s_at	1.26308	7.10296E-05
ECHS1	201135_PM_at	-1.77642	7.10981E-05
METTL7B	227055_PM_at	-3.25666	7.12816E-05
CYP4F2	210452_PM_x_at	-4.90857	7.13478E-05
FLJ35776	238432_PM_at	1.28986	7.13521E-05

SRGN	201858_PM_s_at	2.21272	7.1396E-05
MORN4	228354_PM_at	-1.47137	7.22999E-05
TMEM14A	218477_PM_at	-1.39596	7.23297E-05
TCF4	203753_PM_at	1.84768	7.23857E-05
CRTAM	206914_PM_at	2.31537	7.26589E-05
DOCK10	215151_PM_at	1.91688	7.29388E-05
POLR2C	208996_PM_s_at	-1.31271	7.31674E-05
SIGLECP3	232686_PM_at	1.30667	7.33801E-05
NUAK1	204589_PM_at	1.71824	7.36665E-05
KLC3	239853_PM_at	-1.21441	7.38288E-05
SLC26A1	205058_PM_at	-1.27072	7.40608E-05
GNB5	204000_PM_at	-1.871	7.40948E-05
SLC5A1	206628_PM_at	-1.4711	7.44455E-05
LYZ	213975_PM_s_at	2.96427	7.46588E-05
VSIG10	220137_PM_at	1.24209	7.49693E-05
CALML4	221879_PM_at	-1.75978	7.49804E-05
ZDHHC13	219296_PM_at	1.34516	7.49926E-05
BCL2L13	217955_PM_at	-1.24348	7.50288E-05
ABI2	207268_PM_x_at	-1.29231	7.50676E-05
TPI1	200822_PM_x_at	-1.26352	7.50757E-05
MYL12A	201319_PM_at	1.28221	7.5226E-05
SLC25A4	202825_PM_at	-1.36639	7.53045E-05
CACYBP	201381_PM_x_at	-1.3533	7.53317E-05
GHDC	227159_PM_at	-1.39834	7.55488E-05
KLHL3	221221_PM_s_at	-1.53264	7.55874E-05
BTBD10	223174_PM_at	1.26666	7.57108E-05
COQ10A	225747_PM_at	-1.68004	7.57272E-05
GRAP	229726_PM_at	1.38065	7.58341E-05
ARHGEF2	207629_PM_s_at	1.29838	7.60473E-05
CARD6	224414_PM_s_at	1.84277	7.62434E-05
KIAA0754	215268_PM_at	1.83647	7.62756E-05
ACO1	207071_PM_s_at	-1.8955	7.6566E-05
LRRC33	235359_PM_at	1.7504	7.65765E-05
KLRD1	207796_PM_x_at	1.89477	7.65786E-05
PTGFR	207177_PM_at	-1.35752	7.66058E-05
LYRM1	203897_PM_at	-1.34748	7.72873E-05
SLC27A5	219733_PM_s_at	-1.28777	7.75111E-05
IL18RAP	207072_PM_at	1.64916	7.75123E-05
MFHAS1	213457_PM_at	1.38621	7.75386E-05
AP1G2	201613_PM_s_at	1.61822	7.75477E-05
SLC7A9	220135_PM_s_at	-4.29392	7.75564E-05
RAB2A	208730_PM_x_at	-1.28169	7.80717E-05
ABAT	206527_PM_at	-2.49097	7.83068E-05
DBF4	204244_PM_s_at	1.45436	7.83367E-05
PRKCE	206248_PM_at	-1.22602	7.84094E-05
C1S	208747_PM_s_at	1.66844	7.84616E-05
USP48	220078_PM_at	1.26374	7.85598E-05

BICD1	204741_PM_at	1.46858	7.86694E-05
ATP5SL	218038_PM_at	-1.3058	7.88342E-05
RORA	210426_PM_x_at	-1.59534	7.91984E-05
IL8	202859_PM_x_at	1.97115	7.93502E-05
MIOX	224179_PM_s_at	-5.55248	7.95018E-05
ZNF267	219540_PM_at	1.52916	7.96735E-05
TCEA3	226388_PM_at	-1.57963	7.98541E-05
FGD2	215602_PM_at	1.43343	7.98695E-05
DNAJC24	213853_PM_at	1.32047	8.01226E-05
HLA-G	210514_PM_x_at	1.48656	8.01717E-05
DLST	215210_PM_s_at	-1.62061	8.02062E-05
ASB8	218841_PM_at	-1.31077	8.02707E-05
MTL5	219786_PM_at	-1.25348	8.05877E-05
TMPRSS2	205102_PM_at	-1.59261	8.06162E-05
C3orf23	226688_PM_at	-1.60842	8.07255E-05
ECHDC3	219298_PM_at	-2.35745	8.0765E-05
SESN2	223195_PM_s_at	-1.72236	8.10313E-05
BRMS1L	224484_PM_s_at	-1.26713	8.11712E-05
C6orf154	235935_PM_at	-1.26323	8.11777E-05
ST7	207524_PM_at	-1.41493	8.13005E-05
PSKH1	213141_PM_at	-1.32895	8.13179E-05
OGFRL1	219582_PM_at	1.57864	8.1327E-05
FAM113B	228298_PM_at	2.15167	8.13399E-05
CD109	226545_PM_at	-1.48195	8.1346E-05
SEPX1	217977_PM_at	-1.89784	8.18752E-05
MFAP3L	205442_PM_at	-1.28795	8.18898E-05
MOGAT1	1553062_PM_at	-1.35815	8.19009E-05
TBXAS1	208130_PM_s_at	1.68394	8.1901E-05
FLJ41484	238127_PM_at	1.47771	8.19079E-05
PMM1	203467_PM_at	-1.6397	8.20811E-05
C9orf24	229012_PM_at	-1.62611	8.20881E-05
TTYH3	224674_PM_at	-1.68605	8.22215E-05
ZNF266	214686_PM_at	1.65973	8.23897E-05
STK32B	219686_PM_at	-1.72231	8.28646E-05
PABPC1 /// RLIM	215823_PM_x_at	1.20953	8.29514E-05
C13orf18	219471_PM_at	2.13898	8.3319E-05
HLA-DRB1 /// HLA-DR	215193_PM_x_at	2.15299	8.33626E-05
PHYHD1	226846_PM_at	-1.60586	8.33738E-05
MPZL3	227747_PM_at	1.36451	8.33787E-05
ASL	204608_PM_at	-1.92163	8.34022E-05
RECK	205407_PM_at	1.21365	8.35687E-05
ARHGEF4	205109_PM_s_at	-1.3116	8.35692E-05
ACBD4	219413_PM_at	-1.37104	8.38996E-05
KIAA1467	213232_PM_at	-1.20699	8.39267E-05
FMNL2	226184_PM_at	1.42343	8.40556E-05
OTUD1	226140_PM_s_at	-1.25919	8.40645E-05
TMEM129	225587_PM_at	-1.40335	8.42147E-05

INPP5D	203331_PM_s_at	1.72988	8.42891E-05
SOD1	200642_PM_at	-1.23567	8.42894E-05
CCBL1	206037_PM_at	-1.21487	8.43579E-05
C11orf1	222785_PM_x_at	-1.59779	8.51008E-05
NRP1	210510_PM_s_at	1.31336	8.51487E-05
ZSCAN21	223424_PM_s_at	-1.43311	8.52034E-05
C3orf64	221935_PM_s_at	1.46049	8.54839E-05
SLC19A1	209776_PM_s_at	-1.22751	8.5498E-05
FKBP14	219390_PM_at	1.36244	8.63411E-05
GFM1	225153_PM_at	-1.80353	8.63445E-05
KIAA1462	213316_PM_at	1.51437	8.63465E-05
HSPA4L	205543_PM_at	-2.08464	8.64484E-05
RSAD1	218307_PM_at	-1.37602	8.65225E-05
MRPL44	218202_PM_x_at	-1.5451	8.69242E-05
KCNJ2	206765_PM_at	2.02552	8.69342E-05
TRIO	208178_PM_x_at	1.43103	8.69684E-05
CTNNBIP1	203081_PM_at	-1.34306	8.7462E-05
HPSE	219403_PM_s_at	1.33319	8.75699E-05
ADAMTS15	229004_PM_at	-1.42862	8.81086E-05
ITGA4	205884_PM_at	1.51693	8.83074E-05
PRR5	219168_PM_s_at	-1.53665	8.8637E-05
METTL9	217868_PM_s_at	-1.30334	8.86459E-05
FTL	213187_PM_x_at	-1.40766	8.90721E-05
IGH@ /// IGHA1 /// IC	211633_PM_x_at	2.84451	8.93373E-05
ZCCHC14	215427_PM_s_at	-1.3169	8.94089E-05
MAN2C1	203668_PM_at	-1.51286	8.97606E-05
ATP6V0E2	213587_PM_s_at	-1.93899	9.00693E-05
RNF186	219739_PM_at	-3.13409	9.01787E-05
PDE10A	205501_PM_at	-1.96734	9.05466E-05
HSPA9	200690_PM_at	-1.64991	9.08846E-05
GLYATL1	227695_PM_at	-3.97434	9.09516E-05
FBXO3	218432_PM_at	-1.449	9.09836E-05
DUSP22	218845_PM_at	1.35876	9.13667E-05
C13orf27	213346_PM_at	-1.58115	9.14857E-05
DDT	202929_PM_s_at	-1.46369	9.14923E-05
FAM35A	220547_PM_s_at	-1.23952	9.15942E-05
ATOH7	1552878_PM_at	-1.23815	9.17976E-05
TNC	201645_PM_at	2.44409	9.18187E-05
HPD	206024_PM_at	-6.27682	9.18726E-05
ACSM2A /// ACSM2B	241914_PM_s_at	-3.4038	9.19813E-05
C1orf96	225904_PM_at	1.70864	9.20261E-05
CPN2	216223_PM_at	-2.26787	9.20873E-05
THTPA	214341_PM_at	-1.25997	9.21114E-05
BCL3	204907_PM_s_at	1.3366	9.21947E-05
ACAT2	209608_PM_s_at	-1.34575	9.22208E-05
ANKRD36	214723_PM_x_at	2.09901	9.22309E-05
BRF2	218954_PM_s_at	-1.21688	9.24104E-05

C15orf5	208109_PM_s_at	1.67045	9.27087E-05
MKKS	218138_PM_at	-1.35052	9.2892E-05
AKR1A1	201900_PM_s_at	-1.32857	9.34459E-05
FJX1	219522_PM_at	1.44044	9.35266E-05
C16orf86	231153_PM_at	-1.31242	9.36264E-05
C18orf18	229829_PM_at	-1.91307	9.37969E-05
IL1R1	202948_PM_at	1.50441	9.43859E-05
ASNS	205047_PM_s_at	1.85657	9.43942E-05
KCNK5	219615_PM_s_at	-2.0468	9.44158E-05
CYCS	208905_PM_at	-1.48964	9.48597E-05
CUL5	203531_PM_at	-1.26286	9.48959E-05
CCDC3	223316_PM_at	1.79861	9.49765E-05
MRPL48	218281_PM_at	-1.31305	9.52567E-05
SEC24D	202375_PM_at	1.53237	9.5272E-05
HSPA12A	214434_PM_at	-1.3428	9.52961E-05
RTN4IP1	224509_PM_s_at	-1.51467	9.53016E-05
CNRIP1	226751_PM_at	1.57769	9.58064E-05
TNS1	218863_PM_s_at	-1.40228	9.58435E-05
CAMK2N1	218309_PM_at	-1.94622	9.59788E-05
CDK18	214797_PM_s_at	-1.34863	9.59951E-05
NINL	207705_PM_s_at	-1.76882	9.60153E-05
ERI3	208973_PM_at	-1.47036	9.61296E-05
CSRNP2	221260_PM_s_at	1.21449	9.6154E-05
C6orf203	223576_PM_at	-1.32228	9.61645E-05
SCNN1A	203453_PM_at	-1.37733	9.62145E-05
COMTD1	226870_PM_at	-1.46942	9.64651E-05
SCD	200831_PM_s_at	-1.50197	9.66645E-05
MYBL1	213906_PM_at	1.93326	9.69562E-05
KLF6	208960_PM_s_at	1.67846	9.71808E-05
C16orf61	218447_PM_at	-1.28055	9.71912E-05
C14orf43	225980_PM_at	1.21397	9.76218E-05
NEK8	1557170_PM_at	1.45699	9.76321E-05
LOC100128977	237331_PM_s_at	-1.21682	9.78357E-05
ATP5A1	213738_PM_s_at	-1.32971	9.80316E-05
SLFN13	1553423_PM_a_at	1.27145	9.80652E-05
SLC26A9	242271_PM_at	-2.52813	9.88358E-05
SREBF1	202308_PM_at	-1.28092	9.90094E-05
TMEM199	225374_PM_at	-1.48521	9.9086E-05
DHX30	204355_PM_at	-1.43063	0.000100024
COQ9	212228_PM_s_at	-1.32759	0.000100249
ARFRP1	203174_PM_s_at	-1.30327	0.000100445
NGEF	227240_PM_at	-1.8117	0.00010062
HIRIP3	204504_PM_s_at	-1.25355	0.000101418
TSPAN7	202242_PM_at	-1.71387	0.000101511
MID1	203636_PM_at	1.58781	0.00010165
NDUFAF3	209177_PM_at	-1.32363	0.000101659
CEND1	219591_PM_at	-1.27429	0.000102861

P2RY12	224102_PM_at	1.46518	0.000102902
NAGLU	204360_PM_s_at	-1.59701	0.000103338
C9orf30	1555841_PM_at	1.47973	0.000103689
MRPS7	217932_PM_at	-1.49938	0.00010378
EVL	217838_PM_s_at	2.01989	0.000104197
KBTBD11	204301_PM_at	-1.5025	0.00010422
SNX6	217789_PM_at	1.26496	0.000104757
TRAPPC9	221672_PM_s_at	-1.26653	0.000105309
GIMAP7	228071_PM_at	1.96929	0.000105508
IL1B	205067_PM_at	1.67928	0.000105533
DHCR7	201790_PM_s_at	-1.38666	0.000105958
IL32	203828_PM_s_at	1.81942	0.000106384
CASP8	207686_PM_s_at	1.28289	0.00010645
MGAM	206522_PM_at	-2.91552	0.000106613
PTGFRN	224937_PM_at	1.74341	0.000106976
CD274	223834_PM_at	1.38226	0.000107059
SCNN1B	205464_PM_at	-1.61192	0.000107081
WDR83	224434_PM_s_at	-1.39165	0.000107101
SPAG5	203145_PM_at	-2.28217	0.000107112
SLC7A8	202752_PM_x_at	-2.2366	0.000107113
LHFPL2	212658_PM_at	1.64701	0.000107159
SYN2	210247_PM_at	-1.22568	0.000107308
MRPS22	219220_PM_x_at	-1.25914	0.000107413
SLA2	232234_PM_at	1.3341	0.000107886
C19orf69	231632_PM_at	-3.95672	0.00010835
ITPRIPL2	227514_PM_at	1.65694	0.000108353
ZFYVE19	225843_PM_at	-1.2498	0.000108424
CDKN2AIPNL	235006_PM_at	-1.32111	0.000108733
ADAM19	209765_PM_at	1.89133	0.000108922
KLHL12	219931_PM_s_at	-1.30023	0.000109007
IFNGR2	201642_PM_at	1.33247	0.000109292
SULT1B1	207601_PM_at	-1.23863	0.000109319
LIF	205266_PM_at	1.80839	0.000109358
ARHGAP24	221030_PM_s_at	-1.74891	0.00010937
ASAP1	221039_PM_s_at	1.56291	0.000109638
PRDX3	201619_PM_at	-1.43962	0.000109838
PABPC1L	226670_PM_s_at	1.4887	0.000109995
MIDN	225954_PM_s_at	1.54331	0.000110245
C2CD4A	241031_PM_at	1.71454	0.000110298
ZNF100	238791_PM_at	1.25528	0.000110381
TECR	208336_PM_s_at	-1.60795	0.000110971
AP1S2	203299_PM_s_at	1.47315	0.000111001
SEMA6D	220574_PM_at	-1.63235	0.000111012
GRAMD1C	219313_PM_at	-1.83745	0.000111064
DUSP4	204014_PM_at	1.68834	0.000111607
CAT	201432_PM_at	-2.3843	0.000111686
NDRG1	200632_PM_s_at	-1.48468	0.000111733

EHD2	205341_PM_at	1.64657	0.000111733
AEBP1	201792_PM_at	1.8831	0.000111766
IFNG	210354_PM_at	1.55282	0.000111875
DYNLT3	203303_PM_at	-1.32035	0.000111894
SLCO4C1	207596_PM_at	-1.47278	0.000111905
MLST8	220587_PM_s_at	-1.44242	0.00011247
C1orf85	225401_PM_at	-1.57127	0.000112573
EIF4E2	209393_PM_s_at	-1.55459	0.000112591
C7orf28B	215024_PM_at	1.59112	0.000114849
ACSF2	218844_PM_at	-2.45538	0.000115461
PCBD2	223712_PM_at	-1.39944	0.00011603
MAP1B	212233_PM_at	1.86812	0.000116033
TXNDC17	224511_PM_s_at	-1.32159	0.000116046
RPL36AL	207585_PM_s_at	1.24633	0.000116564
TSPAN13	217979_PM_at	1.79904	0.000116874
TRAF1	205599_PM_at	1.68339	0.000117268
RCAN3	226272_PM_at	1.80973	0.000117435
ADRA2B	208544_PM_at	-1.35618	0.000117727
TAPBPL	218746_PM_at	1.45102	0.000117811
CDADC1	221015_PM_s_at	-1.458	0.000117811
C13orf1	214668_PM_at	-1.22998	0.000117864
SMUG1	218685_PM_s_at	-1.30177	0.000117904
RASSF8	207754_PM_at	-1.39451	0.000119086
BCL11A	210347_PM_s_at	2.08032	0.000119092
UQCR11	202090_PM_s_at	-1.26693	0.000119101
PGM2L1	229256_PM_at	1.45774	0.000119111
ARHGAP26	205068_PM_s_at	1.34954	0.000119182
INSR	207851_PM_s_at	-2.10192	0.000119202
TRIM59	227801_PM_at	1.61411	0.000120295
TOMM70A	201512_PM_s_at	-1.29378	0.000120402
PLEKHG1	226122_PM_at	1.61572	0.000120644
AIFM1	205512_PM_s_at	-2.17705	0.000121158
FKBP4	200894_PM_s_at	-1.8551	0.000121191
CLEC18A /// CLEC18B	230022_PM_at	-3.0584	0.000122474
FOLR2	204829_PM_s_at	1.43689	0.000122691
LOC84856	233562_PM_at	-1.83431	0.000122726
ARHGEF6	209539_PM_at	1.82661	0.000123188
LOC153684	232645_PM_at	1.85032	0.00012346
PLA2G4C	209785_PM_s_at	1.36155	0.000123767
APEH	201284_PM_s_at	-1.30131	0.00012387
DEPDC4	1561114_PM_a_at	-1.24328	0.0001239
BCL2L2	209311_PM_at	-1.42623	0.000124129
IL17RC	221926_PM_s_at	-1.43483	0.00012465
CD47	211075_PM_s_at	1.67153	0.00012483
EDN1	218995_PM_s_at	1.82124	0.000125017
CLPTM1L	223020_PM_at	-1.41896	0.000125081
IL4R	203233_PM_at	1.5651	0.000125087

ORC6L	219105_PM_x_at	1.40435	0.000125109
PSMD9	207805_PM_s_at	-1.22908	0.000125502
VPS26A	243316_PM_x_at	1.23614	0.000126163
LYPLA1	203007_PM_x_at	-1.28805	0.000126201
C9orf41	228324_PM_at	-1.4784	0.000126383
LOC389332	237450_PM_at	-2.44652	0.000126406
FAM50B	205775_PM_at	-1.4285	0.000126882
SLC22A24	1553923_PM_at	-1.95339	0.000127732
C10orf67	1553843_PM_at	-1.26289	0.00012775
PNOC	205901_PM_at	2.47836	0.000127774
ADCY4	230800_PM_at	1.49046	0.000127896
HMGCS2	204607_PM_at	-2.3209	0.00012806
CD74	209619_PM_at	1.84996	0.000128101
ABCG2	209735_PM_at	-1.6971	0.000128242
APOA1BP	225427_PM_s_at	-1.41992	0.000129262
IGHM /// LOC652494	215949_PM_x_at	2.20978	0.000129705
WLS	221958_PM_s_at	-1.44541	0.000130318
CEL	205910_PM_s_at	-1.7563	0.000131039
KIAA0513	204546_PM_at	1.31464	0.000131279
GSTO1	201470_PM_at	-1.24768	0.000131362
C22orf9	212421_PM_at	1.54979	0.000131688
RWDD4A	225574_PM_at	-1.41885	0.000131734
NOL8	218244_PM_at	1.32751	0.000132166
EIF4EBP2	208769_PM_at	-1.36439	0.000132226
RNF157	226433_PM_at	-1.34262	0.00013223
STK4	211085_PM_s_at	1.66682	0.000132456
FOXP1	223287_PM_s_at	1.55904	0.000132457
RNASET2	217983_PM_s_at	1.67925	0.000132467
SRGAP2	213329_PM_at	1.41228	0.000132516
MYL5	205145_PM_s_at	-1.39859	0.000132563
PPP4R1	201594_PM_s_at	1.29214	0.000132577
PATL2	230753_PM_at	1.47175	0.000132874
THBS2	203083_PM_at	2.47476	0.000132928
LAMB3	209270_PM_at	1.55279	0.000134143
SLC27A3	222217_PM_s_at	1.57763	0.000134159
RDH16	206753_PM_at	-1.24536	0.00013421
FAM134A	218037_PM_at	-1.33768	0.000134422
GIMAP1	236401_PM_at	1.60369	0.000134601
ADAM28	205997_PM_at	1.68382	0.000134646
SLC35A3	206770_PM_s_at	-1.37549	0.000134835
LOC440993	229820_PM_at	-1.57582	0.00013589
ALOX5AP	204174_PM_at	2.17638	0.000136282
CYB5D1	226833_PM_at	-1.41873	0.000136331
MYO1G	227799_PM_at	1.86052	0.000136377
FAM84A	225667_PM_s_at	1.70124	0.000136408
SIPA1L2	225056_PM_at	1.59141	0.000136416
TBCD	201759_PM_at	-1.33981	0.000136462

MX1	202086_PM_at	2.12974	0.000136795
XKR4	237802_PM_at	1.40642	0.00013686
SCG5	203889_PM_at	1.6085	0.000136963
ACADL	206068_PM_s_at	-1.93359	0.000136986
DUSP5	209457_PM_at	1.79168	0.000136994
IFFO2	225615_PM_at	1.56153	0.000137012
CC2D2A	234936_PM_s_at	-1.5037	0.000137232
UQCRC2	200883_PM_at	-1.58335	0.000137245
TBC1D19	220260_PM_at	-1.68288	0.000137254
PACSIN3	218744_PM_s_at	-1.27087	0.000137968
RGS10	204316_PM_at	1.43312	0.000138289
LRRC19	220376_PM_at	-2.31783	0.000138548
GLS	203157_PM_s_at	-1.70164	0.000138602
CUBN	206775_PM_at	-3.53364	0.000139548
PIPOX	221605_PM_s_at	-4.116	0.000139605
SLC5A3	212944_PM_at	-1.58659	0.00013965
CCDC69	212886_PM_at	1.6897	0.000139714
MRPL27	224330_PM_s_at	-1.20564	0.000139819
TRIM38	203567_PM_s_at	1.5027	0.000139867
PAQR7	242123_PM_at	-1.59328	0.000141065
KL	205978_PM_at	-2.48447	0.000141418
IL1A	208200_PM_at	1.26654	0.000142527
SASH1	213236_PM_at	1.53808	0.000142724
PIGO	209998_PM_at	-1.33551	0.000142961
ALLC	220365_PM_at	-1.61209	0.000143243
AGBL5	218480_PM_at	-1.6988	0.000143362
CD14	201743_PM_at	2.0064	0.000143791
MRPL43	224332_PM_s_at	-1.41383	0.000143826
PDZD2	209493_PM_at	-1.62135	0.000144194
PARG	205060_PM_at	-1.2949	0.000144807
CDK14	211502_PM_s_at	-1.24409	0.000145423
NFRKB	206968_PM_s_at	-1.21233	0.000145679
LOC100134361	229930_PM_at	1.56001	0.000146468
MAP4K1	206296_PM_x_at	1.96499	0.000146689
PNLIPRP1	206694_PM_at	-1.27714	0.000147363
LOH12CR2	236311_PM_at	-1.38919	0.000148076
FSTL3	203592_PM_s_at	1.52505	0.000148435
MIF	217871_PM_s_at	-1.28635	0.000148659
OSGIN2	204024_PM_at	-1.29526	0.000149563
C2orf72	213143_PM_at	-1.22006	0.000150058
RASA3	206220_PM_s_at	1.3401	0.00015007
RNASE2	206111_PM_at	1.47032	0.000150423
SLC16A1	202234_PM_s_at	-1.58442	0.000150431
TRA2A	204658_PM_at	1.63772	0.00015062
LOC100132999	229872_PM_s_at	1.41891	0.000151267
IDH3G	202471_PM_s_at	-1.31897	0.000151415
CTSH	202295_PM_s_at	-1.34032	0.000151476

SPAG4	219888_PM_at	2.09767	0.000151606
BTN3A2	209846_PM_s_at	1.92532	0.000151689
SLC38A6	214830_PM_at	-1.78633	0.000152088
TLR1	210176_PM_at	1.64551	0.000152118
C6orf211	218195_PM_at	-1.67663	0.000152899
HPCAL1	205462_PM_s_at	-1.62183	0.000152921
ICMT	201609_PM_x_at	-1.47366	0.000153081
SNX29	215500_PM_at	-1.22628	0.000153109
TGFBR3	204731_PM_at	-1.42633	0.000153795
FZD5	206136_PM_at	-1.44802	0.000154109
TMEM206	218814_PM_s_at	-1.3444	0.000154591
MYO9B	214780_PM_s_at	1.34822	0.000154777
TSEN15	225400_PM_at	-1.4965	0.000155403
SLC2A2	206535_PM_at	-3.18404	0.000155441
ABCB6	203191_PM_at	-1.29046	0.000155484
PROSC	209384_PM_at	-1.77774	0.000155671
AXL	202685_PM_s_at	1.49252	0.000155682
PMP22	210139_PM_s_at	1.65088	0.000155925
PDZRN3	212915_PM_at	-1.2152	0.000156049
COASY	201913_PM_s_at	-1.29424	0.000156274
CD6	213958_PM_at	1.58966	0.000156804
WDSUB1	226668_PM_at	-1.47985	0.000156845
MRPS18A	218385_PM_at	-1.37025	0.000157508
SLC27A2	205768_PM_s_at	-3.26145	0.000157641
COCH	205229_PM_s_at	-1.87292	0.000157689
PIK3C2G	215129_PM_at	-1.76663	0.000157878
SPEF2	232745_PM_x_at	-1.32697	0.000157934
NCRNA00103	232172_PM_at	1.39584	0.000157957
ATP6V1E1	208678_PM_at	-1.25412	0.000157974
SLC34A1	208177_PM_at	-2.93146	0.000157996
MPZL2	203779_PM_s_at	1.59579	0.000158369
CLEC12A /// CLEC12B	1552398_PM_a_at	1.65225	0.000158893
PRKCH	206099_PM_at	1.46675	0.000159025
AHCYL2	212814_PM_at	-1.27889	0.000159099
PROM1	204304_PM_s_at	2.83221	0.000160035
RCL1	222666_PM_s_at	-1.37905	0.000160056
LOC100131096	230526_PM_at	1.69165	0.000160063
IGHA1 /// IGHG1 /// I	216542_PM_x_at	2.74641	0.000160797
KLF9	203541_PM_s_at	-1.48307	0.000160968
GPCPD1	224826_PM_at	1.54865	0.000160972
MAMLD1	205088_PM_at	1.41908	0.000161042
C5orf56	230405_PM_at	1.64176	0.000161155
ESCO2	235588_PM_at	1.20299	0.000161179
CHI3L2	213060_PM_s_at	1.95782	0.000161669
COPS7A	209029_PM_at	-1.43829	0.000161813
CYFIP2	215785_PM_s_at	-1.54613	0.000162036
AP3S2	202398_PM_at	-1.249	0.000162085

CASP9	203984_PM_s_at	-1.26019	0.000162126
FES	205418_PM_at	1.40655	0.000162512
PRNP	201300_PM_s_at	-2.86697	0.000162734
KCNJ15	210119_PM_at	-2.38232	0.000163316
C11orf85	231210_PM_at	-1.24906	0.000163694
RBKS	219222_PM_at	-1.69174	0.000163746
CHRND	207024_PM_at	-1.22001	0.000164214
CBWD1 /// CBWD2 //	226193_PM_x_at	-1.41632	0.000164231
C4orf52	225014_PM_at	-1.34912	0.000165016
RAPGEF5	204680_PM_s_at	1.51627	0.000165552
PEX10	206351_PM_s_at	-1.27854	0.000166246
BTN2A2	205299_PM_s_at	1.37789	0.000166329
LGALS1	201105_PM_at	1.6007	0.00016688
ENPP3	222938_PM_x_at	-2.07365	0.000167103
BRPF1	204481_PM_at	1.34617	0.000167157
DNAJC28	220372_PM_at	-1.48413	0.000167521
PRPF31	202407_PM_s_at	-1.63425	0.000167865
SLC13A3	205243_PM_at	-3.26802	0.000168404
RORC	206419_PM_at	-1.37215	0.000168459
RPL32P3	226877_PM_at	1.38213	0.000168509
PXDNL	241942_PM_at	-1.30077	0.000168873
CNTROB	228633_PM_s_at	-1.32335	0.000169355
FAM149A	214889_PM_at	-1.76242	0.000169473
TPPP3	218876_PM_at	-1.55041	0.000169555
CCL13	206407_PM_s_at	1.32101	0.00017002
SPATA4	231178_PM_at	-1.34528	0.000170063
CLEC2D	220132_PM_s_at	1.69132	0.000170211
CCDC159	227043_PM_at	-1.42293	0.00017035
TRIM21	204804_PM_at	1.53407	0.000170581
UBXN6	220757_PM_s_at	-1.37957	0.000171005
FMNL3	227844_PM_at	1.35578	0.000171424
CCND3	201700_PM_at	1.45838	0.00017168
ACAP1	205212_PM_s_at	1.57108	0.00017239
GABBR1	203146_PM_s_at	1.76342	0.000172431
C8orf84	214725_PM_at	1.82199	0.000172464
C14orf37	1557176_PM_a_at	-1.33572	0.000172913
SLC43A1	204394_PM_at	-1.25726	0.000173021
CAMK1D	220246_PM_at	1.45796	0.000173286
SAP18	208740_PM_at	-1.29408	0.00017351
BCKDHA	202331_PM_at	-1.5349	0.000173644
ARL1	201657_PM_at	-1.29357	0.000173889
RCAN1	208370_PM_s_at	-1.72101	0.000174142
DCLRE1C	219678_PM_x_at	1.59153	0.000174528
SLC25A21	220474_PM_at	-1.27895	0.000175285
ZBBX	220269_PM_at	1.233	0.000175464
SENP2	218122_PM_s_at	-1.34625	0.000175487
DCP2	212919_PM_at	1.5674	0.000175539

TNFRSF25	210847_PM_x_at	1.56783	0.000175778
AFTPH	217939_PM_s_at	-1.2726	0.000176339
THRB	207044_PM_at	-1.59558	0.000176468
RALGPS2	220338_PM_at	1.35432	0.000176488
SS18L1	213140_PM_s_at	-1.4768	0.00017651
FIS1	218034_PM_at	-1.25761	0.000176982
ARHGEF9	203263_PM_s_at	-1.39786	0.000176995
LOC729177	241670_PM_x_at	-1.35499	0.000178348
UNC13B	202893_PM_at	-1.54579	0.000179441
C1orf135	220011_PM_at	1.22456	0.000179659
MYRIP	214156_PM_at	-1.29796	0.000180718
MGMT	204880_PM_at	-1.47484	0.000180886
FLJ37644 /// LOC7279	230419_PM_at	-2.15326	0.000180929
C20orf199	224915_PM_x_at	1.44173	0.000180986
NYX	221684_PM_s_at	-1.26562	0.000181018
UFSP2	218449_PM_at	-1.29537	0.000181557
C10orf128	228372_PM_at	1.80209	0.000181838
NCALD	211685_PM_s_at	-1.38362	0.00018205
SH2D6	242543_PM_at	-1.29538	0.000182205
LRRK1	219441_PM_s_at	1.61302	0.000182903
PARD3B	228411_PM_at	-1.22772	0.000183121
GOT2	200708_PM_at	-1.34458	0.000183207
ITPKA	205874_PM_at	-1.20494	0.000183301
C7orf31	229146_PM_at	1.3376	0.000183721
TEX2	218099_PM_at	-1.38693	0.000184284
KIAA1659	215750_PM_at	1.74389	0.000184943
IGF2BP3	203819_PM_s_at	1.27644	0.00018529
PCDHA1 /// PCDHA10	210674_PM_s_at	1.55336	0.000187356
FAM129A	217966_PM_s_at	2.04006	0.000188676
NELF	221214_PM_s_at	-1.23727	0.000188682
MRPS18B	208907_PM_s_at	-1.25209	0.000188714
ACSM5	220061_PM_at	-2.13048	0.000188781
ERLIN2	221542_PM_s_at	-1.60026	0.000189296
TMEM41A	225991_PM_at	-1.40392	0.000189455
C5orf23	219054_PM_at	-2.27878	0.000190639
GFI1	206589_PM_at	1.41183	0.000190648
ERAP2	219759_PM_at	2.31848	0.000191601
PTGR2	230774_PM_at	-1.56079	0.000191731
SLC7A7	204588_PM_s_at	-2.35574	0.000191847
MRPS26	225196_PM_s_at	-1.25418	0.00019211
ZFAND2B	226168_PM_at	-1.3349	0.000192329
FBXO15	231472_PM_at	-1.6101	0.000192654
EGOT	222314_PM_x_at	-1.50816	0.000192817
CYP1B1	202435_PM_s_at	1.8396	0.000192829
IGKC /// IGKV1D-8 ///	216517_PM_at	1.41417	0.00019326
GAB2	203853_PM_s_at	1.25774	0.000195381
TMEM37	1554483_PM_at	-2.07647	0.000195612

ZNF107	205739_PM_x_at	1.70538	0.000195857
ZNF101	1552633_PM_at	1.37259	0.000196145
CLCN5	206704_PM_at	-2.24014	0.000197094
SENP8	228398_PM_at	-1.36815	0.0001971
NLRP1	210113_PM_s_at	1.42492	0.000197583
FUT8	203988_PM_s_at	1.33166	0.000197645
C21orf119	227424_PM_x_at	-1.49844	0.000197696
RAB3A	204974_PM_at	-1.28819	0.000197809
ACTN1	208636_PM_at	1.82853	0.000198865
LOC100130933	236098_PM_at	-1.91145	0.000199087
FBXO41	221945_PM_at	1.28499	0.000199237
MINPP1	209585_PM_s_at	-1.41038	0.000199579
ZNF330	209814_PM_at	-1.41613	0.000199854
PPM1H	212686_PM_at	-1.36057	0.000200135
FAM57A	218898_PM_at	1.51863	0.000200158
UQCRQ	201568_PM_at	-1.2401	0.000200665
OXSM	219133_PM_at	-1.33322	0.00020072
HSH2D	1552623_PM_at	1.40172	0.000201279
PTER	218967_PM_s_at	-1.57008	0.000201308
NAV1	224770_PM_s_at	1.34506	0.000201325
FAM8A1	203420_PM_at	-1.22076	0.000201333
TACC3	218308_PM_at	1.64135	0.000201405
TINAG	223782_PM_s_at	-3.25021	0.000201557
UPF1	208947_PM_s_at	-1.25973	0.000202811
PAIP2B	221868_PM_at	-1.68632	0.000202859
CD40	205153_PM_s_at	1.45555	0.000202961
XPO6	211982_PM_x_at	1.20543	0.000202968
NRG3	229233_PM_at	1.30927	0.00020325
IMMP2L	227153_PM_at	-1.53	0.000203488
NIT2	218557_PM_at	-1.49517	0.000203829
MAPK13	210058_PM_at	1.42259	0.000204024
C7orf11	225419_PM_at	-1.30704	0.000204642
NUB1	222512_PM_at	1.38693	0.000205177
SERF2	226692_PM_at	-1.21679	0.000205664
CA2	209301_PM_at	-2.33004	0.000205716
TRIM15	210177_PM_at	-1.56205	0.00020579
DDX28	203784_PM_s_at	-1.27936	0.000205803
AIMP2	202138_PM_x_at	-1.39061	0.00020647
TMEM191A	223628_PM_at	-1.21834	0.000206481
ACE2	219962_PM_at	-2.97957	0.000206902
LOC100289208 /// PH	217998_PM_at	-1.41184	0.000207262
CACNB2	207776_PM_s_at	-1.224	0.000207299
LOC154761	227868_PM_at	1.6156	0.0002074
PIAS4	212879_PM_x_at	-1.22882	0.000207993
FAM30A /// KIAA0125	220377_PM_at	1.94687	0.000208326
C17orf106 /// CDK3	226396_PM_at	-1.48742	0.000208952
ZNF696	220967_PM_s_at	-1.26944	0.000209776

TPCN1	217914_PM_at	-1.36786	0.000209856
FAM96B	218074_PM_at	-1.23767	0.000209857
STUB1	217934_PM_x_at	-1.31723	0.000209885
YKT6	217784_PM_at	-1.30169	0.000209955
LOC400236	227885_PM_at	-1.29621	0.00021157
ZCCHC6	220933_PM_s_at	1.57231	0.0002125
ERLIN1	202441_PM_at	-1.29683	0.000212795
C4orf3	224602_PM_at	-1.25738	0.00021334
BCAR3	204032_PM_at	-1.53708	0.000213737
C2orf24	200070_PM_at	-1.32823	0.000213903
GLYAT	206930_PM_at	-3.29748	0.000213944
ZNF813	217665_PM_at	1.37013	0.000214813
DHRS9	219799_PM_s_at	1.74268	0.000215652
GLB1L	206540_PM_at	-1.79251	0.000215853
LOC100130456	1564021_PM_at	-1.21355	0.000215967
TRAF3IP2	202987_PM_at	1.21391	0.000216277
CPXM2	226824_PM_at	-1.39372	0.000218289
CCDC112	235208_PM_at	1.30553	0.000218936
SLC9A3R1	201349_PM_at	-1.9162	0.000219046
TNFRSF11A	207037_PM_at	1.29516	0.000219094
CDC42SE2	224709_PM_s_at	1.4701	0.000219113
HDC	207067_PM_s_at	1.37672	0.000219484
ATP5L	208745_PM_at	-1.29976	0.000219556
PPP2R2D	221772_PM_s_at	-1.22865	0.000219692
COL15A1	203477_PM_at	1.94994	0.000219713
LOC374491	233675_PM_s_at	1.25744	0.000220284
GLB1L2	213713_PM_s_at	-1.73743	0.000220381
TYSND1	225877_PM_at	-1.27242	0.000222491
RAB5C	201140_PM_s_at	-1.43124	0.000224423
COG7	213190_PM_at	-1.39684	0.000224506
COL7A1	204136_PM_at	1.4133	0.000224909
TMEM160	219219_PM_at	-1.67701	0.000225121
NEBL	203961_PM_at	-1.26205	0.000225188
FAM72A /// FAM72B	225834_PM_at	1.60659	0.000226134
S1PR1	204642_PM_at	1.48412	0.000226977
LOC100289098	239896_PM_at	-1.60496	0.000227538
TMEM170B	235798_PM_at	-1.64047	0.000227623
UGT1A6	206094_PM_x_at	-2.19116	0.00022775
RNASEH2B	215040_PM_at	1.24943	0.000227832
TESC	218872_PM_at	1.76496	0.000228022
MAEL	229475_PM_at	-1.41237	0.00022807
CCL20	205476_PM_at	2.0056	0.000228152
BATF	205965_PM_at	1.73325	0.000228751
TMEM38B	218772_PM_x_at	-1.70211	0.000228897
RNF121	219021_PM_at	-1.39065	0.000229506
ASPG	1557225_PM_at	-1.2947	0.000229729
ENAM	223893_PM_at	-1.53524	0.000230248

UROS	203031_PM_s_at	-1.4922	0.000230286
ZNF611	208137_PM_x_at	1.22559	0.000230326
ZFH3	208033_PM_s_at	1.31404	0.000230734
CXCL13	205242_PM_at	4.39489	0.000230854
NPL	221210_PM_s_at	-2.2483	0.000231013
RPS20	200949_PM_x_at	1.22598	0.000231058
BAIAP2L2	228876_PM_at	-1.47812	0.000231155
ANP32B	201305_PM_x_at	1.32235	0.000231178
TMEM161A	218745_PM_x_at	-1.28988	0.000232096
HECA	218603_PM_at	1.65625	0.000232153
TREM2	219725_PM_at	1.89958	0.000232291
RNMTL1	218993_PM_at	-1.24955	0.000232883
HK2	202934_PM_at	1.26279	0.000234067
C6orf204	228007_PM_at	1.85979	0.000234087
CTLA4	221331_PM_x_at	1.3372	0.000234277
STK16	209622_PM_at	-1.48084	0.000236198
C11orf21	220560_PM_at	1.42019	0.000236438
EPHA2	203499_PM_at	1.38628	0.000236948
ARL8B	222442_PM_s_at	-1.43799	0.000237828
C1orf192	231077_PM_at	1.77395	0.000237869
ASAP1IT1	220694_PM_at	1.72872	0.000238342
PRDX2	201006_PM_at	1.46884	0.000238648
NMNAT1	223692_PM_at	-1.33005	0.000238897
MPST	203524_PM_s_at	-1.53197	0.000238941
ACBD5	225663_PM_at	-1.47514	0.000239047
HGD	205221_PM_at	-2.39702	0.000239099
EPHB3	1438_PM_at	-1.2328	0.00023925
TRIOBP	202795_PM_x_at	1.4307	0.000239412
CRISP2	210262_PM_at	-1.30343	0.000239597
SPON1	209436_PM_at	1.92168	0.000240731
UBE2J2	224347_PM_x_at	-1.38431	0.000240781
GGA2	208913_PM_at	-1.43085	0.000241323
RASGEF1A	230563_PM_at	1.73254	0.000242988
ABCF3	202394_PM_s_at	-1.3258	0.00024306
GALNT7	218313_PM_s_at	1.43803	0.000243645
FAM49B	217534_PM_at	1.44497	0.000244273
DOLK	204488_PM_at	-1.36356	0.000244284
ZMPSTE24	202939_PM_at	-1.24871	0.000244312
APOLD1	221031_PM_s_at	1.56671	0.000244744
BTG2	201235_PM_s_at	1.37906	0.000244773
SACS	213262_PM_at	1.93468	0.000245046
WDR77	201420_PM_s_at	-1.20506	0.000246103
GPR160	223423_PM_at	-1.62606	0.000246341
NAPEPLD	226041_PM_at	-1.53972	0.000246389
ZAP70	214032_PM_at	1.66708	0.00024644
TMEM139	227753_PM_at	-1.91114	0.000246466
P2RY10	214615_PM_at	1.50506	0.000246642

ENOSF1	204142_PM_at	-1.51673	0.000246798
METRNL	225955_PM_at	-1.6031	0.000246845
KIAA1549	223575_PM_at	-1.52256	0.0002469
PGRMC1	201120_PM_s_at	-2.00936	0.000246925
PBRM1	220355_PM_s_at	1.46371	0.000247414
C18orf1	207996_PM_s_at	1.31695	0.000247454
FOS	209189_PM_at	1.9167	0.000247755
DNAJA2	209157_PM_at	-1.28776	0.000248784
PLEKHF2	218640_PM_s_at	-1.62977	0.000248784
FCGRT	218831_PM_s_at	-1.34857	0.000248811
GLYR1 /// SEPT6	212414_PM_s_at	1.71911	0.000248867
HIST1H1C	209398_PM_at	-1.67298	0.00024959
FLJ37786	1558579_PM_at	-1.73499	0.000250192
CTSB	200838_PM_at	-1.40809	0.000250193
ELAVL1	201726_PM_at	-1.28528	0.000250942
CMTM4	224998_PM_at	-2.08442	0.000251014
BMP2K	219546_PM_at	1.43455	0.000251095
PLCXD3	230081_PM_at	-1.9181	0.000251243
PIGH	209625_PM_at	-1.45261	0.000251836
TMSB15B	214051_PM_at	1.58081	0.00025239
CD84	205988_PM_at	1.64341	0.000252754
CHSY1	203044_PM_at	1.48016	0.000253237
GIT2	204982_PM_at	1.5728	0.00025353
SYTL1	227134_PM_at	1.75264	0.000254811
MYCBP2	201959_PM_s_at	1.51363	0.000254827
FARP1	201910_PM_at	-1.63693	0.000254887
DPY19L1	212792_PM_at	1.28452	0.000255614
TAX1BP3	209154_PM_at	1.42213	0.000257117
RPL35	200002_PM_at	1.21188	0.000257174
GVIN1	220577_PM_at	1.47934	0.000257548
GATA2	209710_PM_at	-1.36225	0.000258736
VDAC1	212038_PM_s_at	-1.68624	0.000259289
ATP6V1A	201971_PM_s_at	-1.78706	0.000259699
MCAM	209086_PM_x_at	1.69882	0.000259887
ATP8B2	216873_PM_s_at	1.43056	0.000260688
CHP2	206149_PM_at	-1.59449	0.000261078
ELMO1	204513_PM_s_at	1.6102	0.000261228
LDHA	200650_PM_s_at	1.20592	0.000261306
SIN3B	209352_PM_s_at	1.28861	0.000262249
PRKAG2	215231_PM_at	-1.73318	0.000262841
SNORA37	236130_PM_at	1.20644	0.000263432
ENO2	201313_PM_at	1.73529	0.000263932
NDUFA8	218160_PM_at	-1.21501	0.000264438
SIK3	204155_PM_s_at	-1.38736	0.000265023
NARF	219862_PM_s_at	1.26589	0.000265035
SEMA4G	219194_PM_at	-1.40037	0.000265498
SNPH	205104_PM_at	-1.35674	0.000265578

MPDZ	205079_PM_s_at	-1.53251	0.000266789
BCL2L15	236083_PM_at	1.31891	0.000267572
ENSA	202596_PM_at	-1.41629	0.000268453
ERI1	226416_PM_at	1.24871	0.000268903
GAPT	1552386_PM_at	1.89812	0.00026893
FNBP1	212288_PM_at	1.61095	0.000270884
SLC39A4	219215_PM_s_at	-1.78452	0.000272801
C10orf54	225372_PM_at	1.51626	0.000272911
CHN1	212624_PM_s_at	1.61183	0.000274439
PTCRA	211252_PM_x_at	-1.25856	0.000275448
CRYM	205489_PM_at	-2.79461	0.000275658
PAK3	214607_PM_at	1.3702	0.000276056
WARS	200628_PM_s_at	1.49887	0.000276308
C16orf42	213104_PM_at	-1.48286	0.000276337
CD96	206761_PM_at	1.71938	0.000276741
SLC16A6	207038_PM_at	1.61895	0.00027752
NSUN5P2	213460_PM_x_at	1.33499	0.000278403
PROC	206259_PM_at	-1.98456	0.000278416
KLF8	219930_PM_at	1.25267	0.000278585
PAICS	201013_PM_s_at	-1.48423	0.000278869
EPN3	220318_PM_at	-1.41267	0.000278936
IER5	218611_PM_at	1.8812	0.000278962
PTX3	206157_PM_at	1.80255	0.000278991
IFI44L	204439_PM_at	2.59102	0.000279018
IQSEC2	214819_PM_at	-1.27886	0.000279024
PTPN20A /// PTPN20F	215172_PM_at	-1.49897	0.000279037
KLHDC7B	236285_PM_at	1.72086	0.000279245
ANKRD16	229058_PM_at	-1.31885	0.000280226
C2orf43	219008_PM_at	-1.51379	0.000282627
ZER1	202452_PM_at	-1.28031	0.000283092
CCL23	210548_PM_at	1.79916	0.000283166
FLI1	204236_PM_at	1.62006	0.000283658
CEP170	207719_PM_x_at	1.62348	0.000284295
KIAA1841	243539_PM_at	1.67287	0.00028543
ATP5J	202325_PM_s_at	-1.22922	0.000285438
MPZL1	201874_PM_at	1.28453	0.000285592
VWA5A	205011_PM_at	1.34417	0.000285629
FTH1	200748_PM_s_at	-1.25667	0.000285901
PTPN22	206060_PM_s_at	1.72241	0.000286552
KATNAL2	1554234_PM_at	-1.3739	0.000286744
TRAF3	208315_PM_x_at	1.28877	0.000286911
ZNF587	219981_PM_x_at	1.43053	0.000287247
XAF1	206133_PM_at	2.63631	0.000287292
AKAP1	201674_PM_s_at	-1.48893	0.000288013
LOC730102	239279_PM_at	-1.30019	0.000288069
TMEM141	225568_PM_at	-1.53536	0.000288242
GPR116	212950_PM_at	-1.83744	0.000288414

CARD9	220162_PM_s_at	1.26333	0.000289167
FUT4	209892_PM_at	1.43414	0.000289234
LOC100288387	213281_PM_at	1.51207	0.000289279
ARSE	205894_PM_at	-2.5423	0.000289695
TUBG2	203894_PM_at	-1.31702	0.000290994
RASAL3	228677_PM_s_at	1.93435	0.000291085
TMED1	203679_PM_at	-1.38259	0.000291342
SLC5A12	214389_PM_at	-3.53995	0.000292035
FLJ10213	219906_PM_at	1.35594	0.000293857
NFKBIA	201502_PM_s_at	1.47166	0.000293877
TH1L	220607_PM_x_at	-1.22198	0.000293896
SDC1	201286_PM_at	-1.80106	0.000295079
CA4	206208_PM_at	-2.50286	0.000295619
NAP1L1	204528_PM_s_at	1.34191	0.000295746
SLC22A5	205074_PM_at	-1.76975	0.000295843
C16orf70	220601_PM_at	-1.23532	0.000297805
NOTCH2NL	214722_PM_at	1.47113	0.000298008
CAMK2A	207613_PM_s_at	-1.25303	0.000298643
FHL2	202949_PM_s_at	1.77385	0.000298865
CD19	206398_PM_s_at	1.89207	0.000299617
CD180	206206_PM_at	1.77804	0.000299914
FAM73A	235125_PM_x_at	-1.51449	0.00030147
KIAA1147	223161_PM_at	-1.36004	0.000301621
ANXA3	209369_PM_at	1.93832	0.000301828
CLPP	202799_PM_at	-1.38813	0.000301838
TMEM45A	219410_PM_at	1.84344	0.000303533
RSU1	201980_PM_s_at	1.28282	0.000303787
FTCD	220604_PM_x_at	-3.29687	0.000303831
CDC42SE1	218157_PM_x_at	1.58131	0.00030386
FN1	210495_PM_x_at	1.89785	0.000303864
BLM	205733_PM_at	1.4232	0.000303885
DENND4B	202860_PM_at	1.48152	0.000304025
IARS2	217900_PM_at	-1.27259	0.000305086
OAF	225510_PM_at	-1.27356	0.000305326
TNFRSF4	214228_PM_x_at	1.47491	0.000305602
GCNT1	205505_PM_at	1.30911	0.000305663
PMEPA1	217875_PM_s_at	1.72664	0.000305761
MAX	208403_PM_x_at	-1.50875	0.000306907
TTLL7	219882_PM_at	1.41367	0.000307782
HDCC3	227008_PM_at	-1.45433	0.000308262
HIATL1	223073_PM_at	1.20369	0.00030908
LHPP	218523_PM_at	-1.56661	0.000309085
POLR1C	207515_PM_s_at	-1.22881	0.000310032
UBQLN2	215884_PM_s_at	1.22995	0.000310055
RPL36	219762_PM_s_at	1.32785	0.000311923
LILRB5	206856_PM_at	1.27462	0.000311968
THAP4	220417_PM_s_at	-1.33122	0.00031322

OSBPL1A	208158_PM_s_at	-1.31075	0.000315582
DTNBP1	223445_PM_at	-1.43969	0.00031588
SLC25A46	212833_PM_at	-1.37623	0.000316056
CYP4A22	217319_PM_x_at	-3.57876	0.000316076
PRSS8	202525_PM_at	-1.85978	0.000316384
CD163L1	223655_PM_at	1.45033	0.000316916
WDFY4	229597_PM_s_at	1.37376	0.000317091
CCDC56	236998_PM_at	-1.20285	0.000317146
DENND2D	221081_PM_s_at	1.52437	0.000317232
FCRL3	231093_PM_at	1.62199	0.000317365
CCDC28A	209479_PM_at	-1.3204	0.000317382
FREM2	230964_PM_at	-2.08	0.00031791
ZNF532	220617_PM_s_at	1.41867	0.000318724
ACOT9	221641_PM_s_at	1.30063	0.000320261
NCRNA00081	213224_PM_s_at	1.36458	0.000320528
C8orf40	225534_PM_at	-1.30768	0.000320529
WARS2	218766_PM_s_at	-1.3412	0.000321328
C9orf23	225403_PM_at	-1.30386	0.000322484
SLC33A1	203164_PM_at	-1.3961	0.000322812
RDH10	226021_PM_at	-1.53791	0.000322858
S100A4	203186_PM_s_at	1.82641	0.000323084
CDK20	205271_PM_s_at	-1.3486	0.000323833
FNBP4	212232_PM_at	1.54856	0.000324324
KNTC1	206316_PM_s_at	1.4715	0.000325077
IMPDH1	204169_PM_at	1.42672	0.000326026
VRK2	205126_PM_at	1.24147	0.000326441
AKAP5	230846_PM_at	1.47407	0.000326956
SLFN5	238430_PM_x_at	1.27559	0.000327436
KIAA1656	1569365_PM_a_at	-1.23542	0.000327486
ZYX	200808_PM_s_at	1.39482	0.000328085
TSN	201504_PM_s_at	-1.40514	0.000328231
DCLRE1B	219490_PM_s_at	1.23611	0.000328547
SCML4	1556471_PM_at	1.56654	0.000328656
SGCB	205120_PM_s_at	-1.49923	0.000329055
TAF1D	218750_PM_at	1.37917	0.000329796
ARSK	239147_PM_at	-1.27192	0.000330577
PLA2G16	209581_PM_at	-1.41027	0.0003307
PTPRN2	203029_PM_s_at	1.49625	0.000330762
CYP20A1	219565_PM_at	-1.33795	0.000330958
SGK3	227627_PM_at	-1.37488	0.00033096
FOXO4	205451_PM_at	-1.33923	0.00033165
TRAF5	204352_PM_at	1.9581	0.000331718
SMS	202043_PM_s_at	-1.4831	0.000331747
RBP5	223820_PM_at	-2.22637	0.000331967
RCC2	224578_PM_at	1.39922	0.000332906
SLC5A9	232378_PM_at	-2.18989	0.000332942
NAMPT	217738_PM_at	1.71897	0.00033501

C10orf32	225334_PM_at	-1.49512	0.000335044
PSMB6	208827_PM_at	-1.2117	0.000335958
DMPK	217066_PM_s_at	-1.21096	0.00033631
SIRPB2	1559034_PM_at	1.34113	0.000338373
FAM108B1	220285_PM_at	-1.24671	0.000338452
ARL11	1552691_PM_at	1.54214	0.000339676
GPR34	223620_PM_at	2.14795	0.00033971
MS4A2	207496_PM_at	1.64873	0.000339806
APH1A	218389_PM_s_at	-1.69461	0.000340156
LOC100293559	217035_PM_at	1.2033	0.000340167
NOX4	219773_PM_at	-2.68605	0.000340377
TNFSF8	241819_PM_at	1.41002	0.000342418
IHH	215420_PM_at	-1.20926	0.000343272
PLXND1	212235_PM_at	1.56782	0.0003441
ACP1	201629_PM_s_at	-1.3336	0.00034423
DNASE1	210165_PM_at	-1.23224	0.000344296
PRPF4	209161_PM_at	-1.43177	0.000344406
SCARB2	201646_PM_at	1.41186	0.000345673
NPY6R	210444_PM_at	-1.65961	0.000346227
RPS24	1555878_PM_at	1.82055	0.000347361
DDHD1	225965_PM_at	1.42414	0.00034771
PLEKHJ1	218290_PM_at	-1.41012	0.00034829
PRMT5	217786_PM_at	-1.25003	0.000349439
AGXT2	229229_PM_at	-3.70738	0.000349614
C1GALT1	219439_PM_at	-1.32087	0.000349765
ANKRD39	223532_PM_at	-1.3608	0.000351588
FAM36A	224820_PM_at	-1.28179	0.000352285
HOOK2	218780_PM_at	-1.45004	0.00035261
FBXL21	1553500_PM_at	-1.29476	0.000352915
RPL13A	200715_PM_x_at	1.20215	0.00035456
TLE2	204431_PM_at	1.41188	0.000354689
ACYP1	205260_PM_s_at	1.31881	0.000356567
CXCR6	206974_PM_at	1.45456	0.000356906
DNAJC25	226859_PM_at	-1.43733	0.000357291
CDK11A	212401_PM_s_at	1.34053	0.000360055
APCDD1	225016_PM_at	2.09191	0.000360372
AFMID /// IDS	212221_PM_x_at	1.27973	0.000360673
WDFY3	212598_PM_at	-1.5169	0.000362005
MAOA	204388_PM_s_at	-2.43426	0.000362329
CHST15	203066_PM_at	1.84076	0.00036262
SYT13	221859_PM_at	-1.48045	0.000362652
LOC100130691	231540_PM_at	-2.52481	0.000362902
TSPAN15	218693_PM_at	1.54384	0.000363287
CDCA7L	225081_PM_s_at	1.71914	0.000364682
LAMP1	201551_PM_s_at	-1.34811	0.000364807
OBFC2A	219334_PM_s_at	1.63084	0.000366697
LOC723809	239656_PM_at	-1.60076	0.000368201

PIGV	219238_PM_at	-1.25884	0.000368359
FAM91A2 /// FLJ3973	1568609_PM_s_at	1.4172	0.000368423
PECAM1	208981_PM_at	1.71678	0.000368986
ALKBH7	223317_PM_at	-1.29121	0.000369874
TMEM101	225004_PM_at	-1.34339	0.000371472
SMCHD1	212569_PM_at	1.54175	0.000372209
RAP1GAP	203911_PM_at	-1.33761	0.000372307
KIAA1211	227230_PM_s_at	1.27161	0.000374485
RBP4	219140_PM_s_at	-2.11044	0.000374767
DENND5B	215058_PM_at	-1.47361	0.000374962
GC	204965_PM_at	-3.61722	0.000375081
SEMA6C	208100_PM_x_at	-1.28646	0.000377208
PGM1	201968_PM_s_at	-1.45506	0.000377402
TLCD2	241359_PM_at	1.34747	0.00037874
HMG1	200943_PM_at	1.2108	0.000378777
STARD5	213820_PM_s_at	1.4157	0.00038068
FCAMR	231496_PM_at	-2.69461	0.000380886
POR	208928_PM_at	-1.53878	0.000381579
DSEL	232235_PM_at	-1.52635	0.00038293
IGH@ /// IGHA1 /// IC	211638_PM_at	1.58052	0.000386267
KCNN4	204401_PM_at	1.65331	0.000386368
MRPS15	221437_PM_s_at	-1.27006	0.000387378
UMOD	206716_PM_at	-3.54052	0.000388093
ZNHIT1	201541_PM_s_at	-1.33987	0.000388142
HMOX2	218120_PM_s_at	-1.32893	0.000388243
LMBR1L	220036_PM_s_at	1.41509	0.000388768
HLA-A /// HLA-F /// H	217436_PM_x_at	1.57147	0.000389445
CXorf21	220252_PM_x_at	1.44847	0.000389564
C10orf75	232230_PM_at	-1.30114	0.000390491
HPN	204934_PM_s_at	-2.00127	0.000391617
ANKIB1	224682_PM_at	-1.2987	0.000392714
FAM53A	1569139_PM_s_at	-1.26717	0.000392729
CCDC25	218125_PM_s_at	-1.29896	0.000393967
COL16A1	204345_PM_at	1.783	0.000393985
CCDC152	237475_PM_x_at	1.50946	0.000399511
TANC1	225308_PM_s_at	1.43743	0.000399519
ICT1	204868_PM_at	-1.24807	0.000399754
LHX1	206230_PM_at	-1.36562	0.000400646
TMC6	204328_PM_at	1.33448	0.000402232
TBC1D2B	212796_PM_s_at	1.47119	0.000402587
LRG1	228648_PM_at	1.67622	0.000402962
MICALL2	219332_PM_at	1.29807	0.000405523
OAT	201599_PM_at	-1.54197	0.000406084
RRAD	204802_PM_at	1.90425	0.000406167
DHRS1	213279_PM_at	-1.40204	0.000407407
ELMO3	219411_PM_at	-1.41108	0.000408264
PCBD1	203557_PM_s_at	-1.78406	0.000409151

HLA-DQB1 /// HLA-DC	212999_PM_x_at	2.49934	0.00040925
COBL	213050_PM_at	-1.50953	0.000409516
GLOD4	209092_PM_s_at	-1.34205	0.000409821
NAT1	214440_PM_at	-1.46052	0.000411027
GCNT2	211020_PM_at	-1.21909	0.000411202
BHLHB9	213709_PM_at	-1.42796	0.000412917
LOC100289641	231046_PM_at	-1.48151	0.000413767
TSSC1	217968_PM_at	-1.37857	0.000413935
LXN	218729_PM_at	1.7017	0.00041461
PFKM	210976_PM_s_at	-1.41623	0.000415479
C2orf40	223623_PM_at	-2.56363	0.000415702
FBXL15	218938_PM_at	-1.2325	0.000416531
H2BFXP	230664_PM_at	1.39985	0.000416549
SMO	218629_PM_at	-1.33865	0.00041831
CLDN8	214598_PM_at	-2.48788	0.000418746
LHX6	219884_PM_at	1.60785	0.00041896
ODF2L	228577_PM_x_at	1.44267	0.000420115
TCF7	205254_PM_x_at	1.3001	0.000420426
CCND2	200951_PM_s_at	1.59908	0.000420748
ZNF766	227284_PM_at	1.34598	0.00042354
SLC25A16	210686_PM_x_at	-1.37502	0.000423633
LOC646014	238715_PM_at	1.45324	0.000424705
S100A8	202917_PM_s_at	1.78596	0.000424783
ISCA2	226007_PM_at	-1.30451	0.000424793
KLRC3	207723_PM_s_at	1.25512	0.000424924
CHKB-CPT1B /// CPT1	210069_PM_at	1.55951	0.000427387
GATM	203178_PM_at	-1.6702	0.000428076
SLC22A1	207201_PM_s_at	-1.32093	0.00042827
OVOL1	206604_PM_at	-1.3291	0.000429267
SHPK	219713_PM_at	-1.39428	0.000429505
PDPR	220236_PM_at	-1.24538	0.000429578
KDM2B	226215_PM_s_at	1.58624	0.00043039
TCN2	204043_PM_at	-1.57594	0.00043053
PTP4A3	206574_PM_s_at	1.7632	0.000430552
DUSP2	204794_PM_at	1.7366	0.000430794
LRRC23	206076_PM_at	-1.27972	0.000430981
SSU72	223051_PM_at	-1.34227	0.000430991
TUBGCP2	202476_PM_s_at	-1.35578	0.00043158
C10orf47	229801_PM_at	1.60411	0.000432393
C4orf47	236915_PM_at	1.48719	0.00043251
PIR	207469_PM_s_at	-1.62954	0.000434075
C1orf57	223272_PM_s_at	-1.40334	0.000434332
CCRL1	220351_PM_at	1.75911	0.000434411
CDKN1A	202284_PM_s_at	1.507	0.000434668
SGPP1	221268_PM_s_at	-1.70077	0.000434705
CDC42EP5	227850_PM_x_at	1.74043	0.00043478
STIP1	212009_PM_s_at	-1.43945	0.000435197

LOXL4	227145_PM_at	1.62944	0.000435236
TAGLN3	204743_PM_at	-1.59126	0.000435367
PCDHB16	232099_PM_at	1.45927	0.000435411
PCDHGA4	1552735_PM_at	1.32746	0.000435428
UIMC1	220746_PM_s_at	1.2944	0.000436549
C1orf59	225841_PM_at	1.42954	0.00043759
LAMP2	200821_PM_at	-1.27811	0.000438836
RNPEPL1	218301_PM_at	-1.26652	0.000439215
PSMG1	203405_PM_at	-1.31683	0.000439656
LOC283278	242417_PM_at	-1.64758	0.000440327
SCP2	201339_PM_s_at	-1.38574	0.000440476
RTEL1 /// TNFRSF6B	206467_PM_x_at	1.52045	0.000441254
ADRA2A	209869_PM_at	1.92731	0.000442643
GOLGA8A /// GOLGA8	210424_PM_s_at	1.56959	0.000446611
ATP6V0D1	212041_PM_at	-1.58772	0.000446762
FBXO7	201178_PM_at	-1.66811	0.000447531
CALM1	200653_PM_s_at	-1.68304	0.000449663
VASH1	203940_PM_s_at	1.20903	0.000450539
C19orf42	219097_PM_x_at	-1.27993	0.000450684
LOC401233	1558882_PM_at	1.30264	0.00045108
NEO1	204321_PM_at	-1.3356	0.000451183
TES	202719_PM_s_at	1.80682	0.000452428
HOOK3	224359_PM_s_at	1.29375	0.000452537
CTSA	200661_PM_at	-1.44635	0.000452701
FSCN1	201564_PM_s_at	1.38209	0.000454447
UGT1A1 /// UGT1A10	208596_PM_s_at	-2.9221	0.00045688
BTN2A1	203944_PM_x_at	1.48562	0.000457079
PSMC2	201067_PM_at	-1.37941	0.000457255
KCTD6	238001_PM_at	-1.50557	0.000457313
FLJ22763	233604_PM_at	-2.88026	0.000457828
KCNH6	211045_PM_s_at	-1.48642	0.000459339
TMEM126A	223334_PM_at	-1.21106	0.000459741
MRPL4	218105_PM_s_at	-1.40824	0.000460777
CIDEB	221188_PM_s_at	-1.64317	0.000461172
INVS	210114_PM_at	-1.58544	0.000463618
DFFA	203277_PM_at	-1.39369	0.000463717
SCO1	223221_PM_at	-1.72947	0.000463837
SERP2	228044_PM_at	1.23985	0.000466369
PDHB	208911_PM_s_at	-1.43494	0.000466478
C2	203052_PM_at	1.48564	0.000468416
MCTP1	220122_PM_at	1.45787	0.000468485
KIF21B	204411_PM_at	1.67942	0.00046984
CXCR4	209201_PM_x_at	2.57212	0.000470212
MYD88	209124_PM_at	1.36566	0.000470348
KIAA1529	229628_PM_s_at	-1.38863	0.000473111
BHMT	206119_PM_at	-2.14486	0.000474093
LTB	207339_PM_s_at	1.45631	0.000474141

ZNF337	37860_PM_at	1.40515	0.000474409
RG9MTD3	235303_PM_at	1.23983	0.000475939
TUBA1B	201090_PM_x_at	1.23978	0.000476414
CENPV	226610_PM_at	-1.47445	0.000476429
VPS8	209553_PM_at	1.4233	0.000477628
HMX2	244565_PM_at	-1.69853	0.000478279
TLR10	223750_PM_s_at	1.4037	0.000478591
PAX5	206802_PM_at	1.67593	0.000479703
SLC4A4	203908_PM_at	-2.5191	0.000479769
PRKAR1A	200603_PM_at	-1.5506	0.000480337
ITGA5	201389_PM_at	1.40035	0.000480456
SOAT2	210677_PM_at	-1.2398	0.000481277
MED9	218372_PM_at	-1.23789	0.00048388
MST4	218499_PM_at	1.81116	0.000484064
ATP6V1D	208898_PM_at	-1.66466	0.000484137
MRPS23	223156_PM_at	-1.26599	0.000485644
MRPL45	224479_PM_s_at	-1.22823	0.000486001
CABLES1	225531_PM_at	-1.39348	0.000486077
C19orf12	223983_PM_s_at	-1.34487	0.000486312
TTC39C	230747_PM_s_at	1.44075	0.000487246
AGPAT1	215535_PM_s_at	-1.39253	0.000487736
ATXN1L	226095_PM_s_at	-1.2337	0.000489308
ECT2	219787_PM_s_at	1.25829	0.000490615
SCAND1	231059_PM_x_at	-1.3351	0.000491639
P2RX5	210448_PM_s_at	2.36286	0.000491833
LRRC25	1559502_PM_s_at	1.21356	0.000493147
LOC113230	1558412_PM_at	-1.34386	0.000493289
IL18BP	219323_PM_s_at	1.2466	0.00049424
CYP8B1	232494_PM_at	-2.8047	0.000495416
PRR24	227325_PM_at	1.44253	0.000495809
HOXD4	1552337_PM_s_at	-1.56456	0.000495965
ARL6	223735_PM_at	-1.36749	0.000496021
C6orf72	225576_PM_at	-1.58089	0.000496046
ATM	208442_PM_s_at	1.41122	0.000497692
MIAT	227168_PM_at	1.59926	0.000498254
FOLR1	204437_PM_s_at	-1.62334	0.000498349
TUBB2A	204141_PM_at	-1.35129	0.000498363
RNF14	201823_PM_s_at	-1.65773	0.000498926
SH2D3A	219513_PM_s_at	1.23169	0.000500676
PTGS1	205128_PM_x_at	1.99511	0.000500704
FAM82A2	218126_PM_at	-1.34504	0.00050097
FAM125A	227864_PM_s_at	1.30303	0.000500995
PTGES	207388_PM_s_at	1.26171	0.000501024
C12orf34	226487_PM_at	-1.3244	0.000503724
SLC5A2	207771_PM_at	-2.17078	0.000503937
TBX21	220684_PM_at	1.29212	0.000505255
C22orf13	223039_PM_at	-1.26031	0.000507783

DAB2	201278_PM_at	-1.51985	0.000507837
METTL3	209265_PM_s_at	1.40079	0.00050791
TRIM34 /// TRIM6-TR	221044_PM_s_at	1.27381	0.000508889
CCDC84	227208_PM_at	1.42604	0.000509702
CST6	206595_PM_at	2.03342	0.000510229
POU5F1B	214532_PM_x_at	-1.27933	0.000510826
IFI44	214059_PM_at	2.10794	0.00051547
MPP6	205429_PM_s_at	-1.42258	0.000515592
DCAF10	219001_PM_s_at	-1.37898	0.000515651
ZDHC16	223212_PM_at	-1.25845	0.000516132
MRM1	219967_PM_at	-1.21033	0.000516574
LRRC10B	236666_PM_s_at	-1.43744	0.000516602
LOC285943	230080_PM_at	-1.29479	0.000516687
NSUN7	220194_PM_at	-1.24651	0.000516821
LOC100289169 /// LO	215920_PM_s_at	-1.24518	0.000517963
HSPC159	219998_PM_at	-1.35552	0.000519136
WNT5A	205990_PM_s_at	1.85836	0.000519424
SFRP5	207468_PM_s_at	-1.23185	0.000519804
C5orf20	239529_PM_at	1.55025	0.000522846
CKAP4	200998_PM_s_at	1.30627	0.000524105
BHMT2	219902_PM_at	-2.24634	0.000524242
ABCC10	213485_PM_s_at	1.35237	0.000525885
OSBP	201799_PM_s_at	-1.46462	0.000526543
PCGF2	203792_PM_x_at	-1.32641	0.000527332
DR1	207654_PM_x_at	-1.24155	0.000527653
SSTR1	235591_PM_at	-1.43388	0.000527818
AMZ1	1561179_PM_s_at	-1.24361	0.000529687
EGR2	205249_PM_at	1.51554	0.00052995
PCDH17	205656_PM_at	1.61217	0.00053084
IRF2	203275_PM_at	1.27113	0.000530918
REPS2	205645_PM_at	-1.7964	0.000532568
KIAA2026	228446_PM_at	1.29278	0.000533405
ZNF117	207605_PM_x_at	1.44283	0.000536558
CHST9	223737_PM_x_at	1.53781	0.000537423
OAS3	218400_PM_at	1.30495	0.000537488
ERAP1	209701_PM_at	1.32224	0.000537504
CST3	201360_PM_at	1.23811	0.000537571
LOC100130429	241851_PM_x_at	1.31472	0.000537639
PBX3	204082_PM_at	1.36687	0.000537648
DHRS7B	220690_PM_s_at	-1.35641	0.000537936
MRPS6	224919_PM_at	-1.43497	0.000538575
MTX2	203517_PM_at	-1.30077	0.00053863
KRTAP5-8	208532_PM_x_at	-1.20406	0.000538643
S100PBP	218370_PM_s_at	1.29852	0.000538727
TMEM150A	226239_PM_at	-1.52794	0.000538916
SLC24A3	219090_PM_at	1.45997	0.000538998
ITGA6	201656_PM_at	-1.53681	0.000539074

RAP2A /// RAP2B	214487_PM_s_at	-1.25307	0.000541553
ASPN	219087_PM_at	-1.94407	0.00054161
RPS8	200858_PM_s_at	1.22624	0.000542557
TIMM17A	201821_PM_s_at	-1.22478	0.000543005
PDSS1	220865_PM_s_at	-1.2681	0.000543033
IMPA2	203126_PM_at	-1.91127	0.000543085
CYP39A1	220432_PM_s_at	-1.43286	0.000543091
CYP4F3	206515_PM_at	-3.35992	0.000543913
MAPK15	241357_PM_at	-1.26025	0.000545776
GRIP2	216481_PM_at	-1.22291	0.000546651
GP2	206681_PM_x_at	-1.50864	0.000547102
ENPP2	209392_PM_at	-1.36512	0.00054778
NXT2	209628_PM_at	-1.20086	0.000547984
SDHAF1	221855_PM_at	-1.2571	0.0005481
SPTLC1	202277_PM_at	-1.65119	0.00054811
SNRPD2	200826_PM_at	1.24124	0.000548132
JDP2	226267_PM_at	-1.28466	0.000548147
SORCS2	228720_PM_at	-1.40479	0.000548172
MAP4K4	206571_PM_s_at	1.45324	0.000548993
PNMT	206793_PM_at	-1.26893	0.000549466
SELE	206211_PM_at	2.02865	0.000549909
TMEM9	222987_PM_s_at	-1.46164	0.00055132
PIGX	227403_PM_at	-1.55779	0.000551949
CCL8	214038_PM_at	1.99885	0.000552235
APOBEC3B	206632_PM_s_at	1.82586	0.000552306
C9orf123	224860_PM_at	-1.21031	0.000553262
MTHFR	206800_PM_at	-1.23059	0.000553955
MR1	207566_PM_at	1.32563	0.000554115
CLDN4	201428_PM_at	1.70672	0.000554117
FAM119B	213861_PM_s_at	-1.72572	0.000555962
FUCA2	223120_PM_at	-1.40032	0.000557106
SLC16A7	207057_PM_at	-1.49177	0.000557947
ZNF783	213367_PM_at	1.28038	0.00055967
ATP5D	203926_PM_x_at	-1.27489	0.000560358
AKR1C3	209160_PM_at	-1.73784	0.000560601
TC2N	234970_PM_at	1.51847	0.000560889
UNC5D	231325_PM_at	-1.47925	0.00056101
FOXRED1	223128_PM_at	-1.33438	0.00056163
DPYS	206065_PM_s_at	-3.19228	0.000561775
PHYHIPL	226623_PM_at	-1.77271	0.000564029
PACRG	214204_PM_at	-1.64188	0.000567087
GDPD5	213343_PM_s_at	1.22206	0.000568502
DOK6	231980_PM_at	-1.34505	0.000571197
COPS8	202142_PM_at	-1.40509	0.000572623
ALG14	1553954_PM_at	-1.43586	0.000573842
CAPSL	236085_PM_at	1.31415	0.000574028
RPS6KB2	203777_PM_s_at	-1.25908	0.000574062

ProSAPiP1	204447_PM_at	-1.5231	0.000575433
CD164	208405_PM_s_at	-1.57734	0.000575754
C7orf54	210109_PM_at	1.33177	0.000575859
PARK2	207058_PM_s_at	-1.3114	0.000575994
KBTBD8	239835_PM_at	1.53541	0.000576072
KIAA0922	209760_PM_at	1.55232	0.000577346
LRRN4	1553169_PM_at	1.49546	0.000581824
ZBED2	219836_PM_at	1.56244	0.000584359
C1orf186	230381_PM_at	2.1054	0.000585505
ELP4	203829_PM_at	-1.47706	0.00058586
ASPHD2	227014_PM_at	1.4765	0.000585923
UBASH3A	220418_PM_at	1.61694	0.00058676
PALM3	231018_PM_at	-1.87635	0.000586863
MNAT1	203565_PM_s_at	-1.28879	0.00058884
AKAP12	210517_PM_s_at	1.64044	0.000588895
SLCO2A1	204368_PM_at	1.57781	0.000592749
FAM19A5	229459_PM_at	-1.24493	0.000593522
DGKQ	207562_PM_at	1.20059	0.000594552
PLA2G7	206214_PM_at	1.54146	0.000595266
ZDHHC4	220261_PM_s_at	-1.28153	0.000596431
C12orf45	226349_PM_at	1.40352	0.000596587
CENPK	222848_PM_at	1.51183	0.000598768
TMEM205	225003_PM_at	-1.36632	0.000599497
FAM49A	208092_PM_s_at	1.57587	0.000600581
LOC100288104 /// LO	239473_PM_x_at	-1.21742	0.000602001
DBP	209782_PM_s_at	-1.24916	0.00060292
PSMD11	208776_PM_at	-1.23692	0.000603203
SMTNL2	229730_PM_at	-1.9244	0.000604055
AP1S1	205195_PM_at	-1.80992	0.000604414
FAM60A	220147_PM_s_at	1.33621	0.000605418
ADIPOR1	217748_PM_at	-1.29455	0.000606465
CDA	205627_PM_at	-1.33298	0.000606512
HLA-DQA1 /// HLA-DC	212671_PM_s_at	2.53379	0.000606553
ACMSD	230602_PM_at	-2.54918	0.000607179
TMEM220	229693_PM_at	-1.39308	0.000607906
TBCE	203714_PM_s_at	-1.38603	0.000613328
TIGIT	240070_PM_at	1.77412	0.000613492
DDX39	201584_PM_s_at	1.28435	0.000613886
SLC39A11	227046_PM_at	-1.35307	0.000614284
MAPK10	204813_PM_at	-1.41916	0.000616191
GLRX	206662_PM_at	-1.38332	0.000617443
PFKL	201102_PM_s_at	-1.40076	0.000618447
S100A3	206027_PM_at	1.39705	0.000620594
	7-Sep 213151_PM_s_at	1.42309	0.000623231
C1orf216	212791_PM_at	1.43965	0.000625643
RARRES3	204070_PM_at	1.57675	0.000627319
RHEB	201451_PM_x_at	-1.25137	0.000627578

ZNFX1	225076_PM_s_at	1.51768	0.000627831
RP2	205191_PM_at	1.29479	0.000628393
CELSR1	41660_PM_at	-1.39483	0.000629511
DGCR5	215244_PM_at	-1.30398	0.000629551
AIFM2	224461_PM_s_at	-1.21808	0.000629694
SLC25A23	220182_PM_at	-1.31026	0.000629706
LOC348751	1556667_PM_at	-1.5157	0.000629783
C10orf11	223703_PM_at	-1.47189	0.000629908
KIAA2013	224706_PM_at	-1.41101	0.000631405
PAOX	221941_PM_at	-1.27165	0.000631492
FAM21A /// FAM21B	212929_PM_s_at	1.20967	0.000634562
ARHGAP42	230047_PM_at	-1.35347	0.000635258
PAK4	203154_PM_s_at	-1.22242	0.000637321
EPN1	221141_PM_x_at	-1.28823	0.000639446
ATP6V1G3	230565_PM_at	-2.3709	0.000639807
HAPLN3	227262_PM_at	1.38572	0.000640025
DIABLO	219350_PM_s_at	-1.23364	0.000640587
SNX17	200991_PM_s_at	-1.41172	0.000640608
PCSK1N	218952_PM_at	-1.99372	0.000640649
OFD1	203569_PM_s_at	1.48222	0.000643064
FAM124A	230067_PM_at	-1.45004	0.000645192
NCRNA00202	231196_PM_x_at	-1.21855	0.000645568
CD72	215925_PM_s_at	1.55635	0.000645923
PCDHB10	223854_PM_at	1.24813	0.000647256
PI15	207938_PM_at	1.33106	0.000648351
FAIM3	221601_PM_s_at	2.00868	0.000650657
MAPKSP1	217971_PM_at	-1.35759	0.000654847
KIAA0748	219724_PM_s_at	1.34506	0.000655478
YIPF6	212340_PM_at	-1.25594	0.000656341
TRAFD1	202837_PM_at	1.3307	0.000658666
RGS2	202388_PM_at	1.66893	0.000658817
ASXL2	218659_PM_at	1.30479	0.000661953
INO80B	221251_PM_x_at	-1.26043	0.000662298
STOX2	226822_PM_at	1.57066	0.000662356
EIF3M	202232_PM_s_at	1.46908	0.000662532
LOC100287166	233997_PM_at	-1.22505	0.000663193
WDR82	201934_PM_at	1.31325	0.000663644
COX16	217645_PM_at	-1.2102	0.000664651
HIST2H2BE	202708_PM_s_at	-1.45213	0.000665464
WDR59	218505_PM_at	-1.21786	0.00066585
SLC30A1	212907_PM_at	-1.32033	0.000665957
LOC728730	242313_PM_at	-1.41616	0.000666328
LOC643733	240890_PM_at	1.88575	0.000667816
STK17B	205214_PM_at	1.5881	0.000671346
PRDX5	222994_PM_at	-1.22145	0.000672442
MYCL1	214058_PM_at	1.22365	0.000674771
CASP6	211464_PM_x_at	1.26402	0.000680724

FMO1	205666_PM_at	-3.13388	0.000682009
ASNA1	202024_PM_at	-1.54811	0.000682341
APOBEC3F /// APOBE1	214995_PM_s_at	1.7063	0.000682524
TSFM	212656_PM_at	-1.37292	0.000682709
GLCE	213552_PM_at	-1.46033	0.000683196
MTX1	210386_PM_s_at	-1.27571	0.000683334
DDX11 /// DDX12 ///	213378_PM_s_at	1.26323	0.000683878
NDUFA6	202000_PM_at	-1.23119	0.000684028
PTS	209694_PM_at	-1.23218	0.000685082
LOC642533	1556129_PM_at	-1.22172	0.000685108
PRR5L	219383_PM_at	1.33947	0.000685152
BLNK	207655_PM_s_at	1.47117	0.000685156
NCRNA00086 /// NCR	227909_PM_at	-1.65908	0.000686413
WIPI1	203827_PM_at	-1.42681	0.000687197
CALB1	205625_PM_s_at	-4.31343	0.000688262
NONO	208698_PM_s_at	-1.44544	0.000688977
SFI1	213431_PM_x_at	1.42576	0.000689303
C11orf82	228281_PM_at	1.2157	0.000690545
SNAP25	202507_PM_s_at	1.21616	0.000692839
ATP5C1	205711_PM_x_at	-1.23228	0.000693832
TRPT1	223436_PM_s_at	-1.32435	0.000697416
LRBA	212692_PM_s_at	-1.28505	0.000700719
HLA-B	208729_PM_x_at	1.5649	0.000701755
PSTPIP1	211178_PM_s_at	1.63732	0.000702699
SLC6A18	238215_PM_at	-2.5441	0.000702751
SUPT3H	206506_PM_s_at	1.33798	0.000705027
R3HCC1	212866_PM_at	-1.21252	0.000709511
IMPACT	218637_PM_at	-1.27484	0.000709776
SDSL	228274_PM_at	-1.66607	0.000709827
SMARCD3	204099_PM_at	1.27116	0.000711028
TMEM135	222209_PM_s_at	-1.5603	0.000711169
SKP1	200719_PM_at	-1.24852	0.000711169
NDUFA11	225304_PM_s_at	-1.24042	0.000713254
GRINA	212090_PM_at	-1.40168	0.000713302
GPM6B	209167_PM_at	1.71008	0.000713319
LOC200030 /// NBPF1	227926_PM_s_at	1.63124	0.000713408
SAR1A	201543_PM_s_at	-1.21394	0.000713532
CXorf42	236493_PM_at	1.21052	0.000714656
CLCN4	205148_PM_s_at	-1.3814	0.000717998
RPS6KA5	204635_PM_at	1.44014	0.000720829
TUBB2C	208977_PM_x_at	-1.23695	0.000721523
UPP1	203234_PM_at	1.63482	0.000722329
C8orf38	230016_PM_at	-1.2591	0.000728888
ARPC1B	201954_PM_at	2.07268	0.000729718
STEAP2	225871_PM_at	-1.65845	0.000734178
DEPDC1B	226980_PM_at	-1.24109	0.000735403
FAM132A	243292_PM_at	-1.57669	0.00073545

EXOSC7	212627_PM_s_at	-1.30895	0.000735486
TAC1	206552_PM_s_at	2.17831	0.000738067
SEC61G	203484_PM_at	1.27483	0.000739215
NACC1	227651_PM_at	-1.27312	0.000739691
NET1	201829_PM_at	-1.43175	0.000740197
EGR3	206115_PM_at	1.62437	0.000740247
ZEB2	203603_PM_s_at	1.49054	0.000742555
RANBP2 /// RGPLD1 ///	242712_PM_x_at	1.51232	0.000744065
SPNS3	235900_PM_at	-1.26614	0.000744081
SIGLEC7	207224_PM_s_at	1.24619	0.000745304
RAB1A	207791_PM_s_at	-1.62758	0.000746561
HELLS	220085_PM_at	1.39856	0.000750886
BTNL8 /// WASH3P	226340_PM_x_at	1.30878	0.000751047
OXT	207576_PM_x_at	-1.47592	0.000753824
SHANK2	213307_PM_at	-1.55954	0.000754319
RPL36A	201406_PM_at	1.23322	0.000756826
GOLGA7	1554167_PM_a_at	-1.87709	0.000759835
LARS2	204016_PM_at	-1.28131	0.00075996
LIMS3 /// LIMS3-LOC4	229095_PM_s_at	-1.47659	0.000760148
UGCG	204881_PM_s_at	1.83541	0.000760185
C19orf33	223631_PM_s_at	2.19215	0.000761223
COL4A1	211980_PM_at	1.60402	0.000761591
FAM105A	214947_PM_at	1.45359	0.000762302
ZNF160	214715_PM_x_at	1.30565	0.000764406
ACAD9	224160_PM_s_at	-1.3025	0.000766125
MRPL41	221936_PM_x_at	-1.21732	0.000769426
NEU4	222957_PM_at	-1.25958	0.000769462
EFHA1	212410_PM_at	-1.20716	0.00077131
MUC13	218687_PM_s_at	-1.87771	0.000772128
NOL4	206045_PM_s_at	-1.30845	0.000773077
SEC31B	209889_PM_at	1.24919	0.000773526
RFTN1	212646_PM_at	1.22092	0.000775299
PVRL3	213325_PM_at	-1.50756	0.000776309
C12orf66	235026_PM_at	-1.27544	0.000777372
CLCN7	209235_PM_at	-1.27726	0.000777514
	9-Sep 207425_PM_s_at	1.3318	0.000778617
MED13L	212207_PM_at	1.47888	0.000781254
WBSCR17	227434_PM_at	-1.21748	0.000781404
SNHG1	224610_PM_at	1.47517	0.000781575
TRIM4	223384_PM_s_at	1.38517	0.000782512
ANKHD1-EIF4EBP3 ///	214919_PM_s_at	-1.27161	0.000784205
TMEM208	221597_PM_s_at	-1.26149	0.000786169
PAQR5	220333_PM_at	-1.6111	0.000786389
PTGER2	206631_PM_at	1.35936	0.000786453
CFB	202357_PM_s_at	1.38052	0.000786597
TMEM212	217016_PM_x_at	1.34471	0.000792063
C19orf20	227903_PM_x_at	-1.23645	0.000792174

ANKRD43	230238_PM_at	-1.68012	0.000792528
ZBTB20	205383_PM_s_at	1.25672	0.000792996
LOC100127972	217655_PM_at	1.37282	0.000793508
ZNF503	227195_PM_at	-1.23861	0.000794837
CD3E	205456_PM_at	1.4366	0.000796313
IFT46	218483_PM_s_at	-1.51193	0.000798215
ADAMTS3	214913_PM_at	1.58608	0.000799343
PARP16	219034_PM_at	-1.20527	0.000799715
B9D1	205662_PM_at	-1.43501	0.000801038
ROBO1	213194_PM_at	1.66908	0.000801209
CASP3	202763_PM_at	1.44636	0.000801575
GBA3	219954_PM_s_at	-2.44285	0.000802919
LOC152217	225657_PM_at	-1.22135	0.000808439
CCNJ	219470_PM_x_at	1.25655	0.00080853
CD4	203547_PM_at	1.37095	0.000809189
DHDPSL	239093_PM_at	-2.06404	0.000809332
ODZ2	231867_PM_at	-1.42717	0.000809456
GGTLC1	211416_PM_x_at	-1.91794	0.00080999
CHPT1	221675_PM_s_at	-1.4433	0.000810225
LBR	201795_PM_at	1.34241	0.000810439
KLHL23	213610_PM_s_at	-1.27957	0.000811385
GJB2	223278_PM_at	-2.29864	0.00081157
FAM179A	236717_PM_at	1.3233	0.000812126
TFEC	206715_PM_at	-1.99474	0.000812871
TYMS	202589_PM_at	-1.51703	0.00081619
GRAMD1A	224807_PM_at	1.36722	0.000816372
ISM1	232888_PM_at	-1.29902	0.000816824
C17orf81	219260_PM_s_at	-1.44776	0.000817332
FRMD1	220819_PM_at	-1.42489	0.000819739
LOC100129895	1560290_PM_at	1.20175	0.000821333
FAM92A1	228011_PM_at	-1.46765	0.000821465
PPAP2C	209529_PM_at	1.51059	0.000821581
LOC550643	225028_PM_at	-1.30585	0.000822914
CHCHD8	220647_PM_s_at	-1.24488	0.000825023
SERPINC1	210049_PM_at	-1.47354	0.00082574
APOBEC3A	210873_PM_x_at	1.57542	0.000829127
NUDT14	231914_PM_at	-1.36007	0.000831914
C15orf39	204494_PM_s_at	1.22337	0.000832026
LOC642891	243432_PM_at	-1.76009	0.000832183
C7orf44	206497_PM_at	1.28869	0.000833017
RGNEF	219610_PM_at	-1.59699	0.000838523
ADM2	220538_PM_at	-1.25527	0.000838737
IPP	219843_PM_at	-1.43982	0.000839684
FGF7	205782_PM_at	1.80731	0.000841505
TBC1D24	227632_PM_at	-1.43262	0.000842363
LUM	201744_PM_s_at	1.47657	0.000843832
DDX23	201440_PM_at	1.21646	0.000844843

ZC3HC1	223163_PM_s_at	-1.34866	0.000846086
FNDC3B	218618_PM_s_at	1.55462	0.000846377
SS18	202816_PM_s_at	-1.36089	0.00084661
LRCH4 /// SAP25	222017_PM_x_at	1.41112	0.000848424
ESM1	208394_PM_x_at	-1.68987	0.000849193
KLHDC3	208784_PM_s_at	-1.24084	0.000852436
ADAMTS1	222162_PM_s_at	1.81444	0.000856579
MORN2	226790_PM_at	-1.51898	0.000859034
AGAP1	204066_PM_s_at	-1.5124	0.000859577
CCDC23	226723_PM_at	1.29687	0.000859716
GBGT1	231780_PM_at	1.37287	0.000860622
HAVCR1	207052_PM_at	1.78885	0.000861679
MGC11082	223974_PM_at	1.20259	0.000861686
GMPR2	217990_PM_at	-1.34392	0.000862702
TUBA4B	207490_PM_at	-1.28862	0.000862779
MOSPD1	218853_PM_s_at	-1.31308	0.000863023
LIMS3	223800_PM_s_at	-1.38817	0.000863734
MVK	204056_PM_s_at	-1.28775	0.000868631
QSER1	226265_PM_at	1.22851	0.000869627
RALB	202100_PM_at	-1.38985	0.000870754
ZNF556	220709_PM_at	-1.26272	0.00087134
ACTR1B	202135_PM_s_at	-1.35169	0.000871888
GP1BB	209769_PM_s_at	-1.41019	0.000872455
ZNF562	219163_PM_at	1.28253	0.000872465
PLEKHA8 /// PLEKHA9	220157_PM_x_at	1.29074	0.000872553
RPS19BP1	225148_PM_at	-1.21767	0.000875836
NFYC	202215_PM_s_at	-1.36663	0.000876852
ALDH1L2	231202_PM_at	1.52306	0.000878614
DNAJC14	223420_PM_at	-1.21831	0.000879594
UBA5	218289_PM_s_at	-1.47178	0.000879795
USP5	206031_PM_s_at	-1.31402	0.000882683
CD320	218529_PM_at	-1.34682	0.000883331
LOC284578	1557474_PM_at	-1.9552	0.000888286
MAST2	211593_PM_s_at	-1.24057	0.000891063
GNB2L1	200651_PM_at	1.20731	0.00089537
DPYSL2	200762_PM_at	1.23138	0.000896264
FAM13A	202973_PM_x_at	-1.43123	0.000897834
MRPS28	219819_PM_s_at	-1.47025	0.000898159
TMEM93	221255_PM_s_at	-1.21757	0.000901176
BTBD18	215349_PM_at	1.54326	0.000902196
TFDP2	203588_PM_s_at	-1.38781	0.00090232
KIF21A	226003_PM_at	-1.53935	0.0009024
LOC653602	229546_PM_at	1.3018	0.000904772
BHLHE41	221530_PM_s_at	1.31297	0.00090599
GSTM3	202554_PM_s_at	-1.69361	0.000908833
FANK1	232968_PM_at	1.37053	0.00090915
LSP1	203523_PM_at	1.3453	0.000910173

PEX13	205246_PM_at	-1.34579	0.000910793
CRYZ	202950_PM_at	-1.49491	0.000910977
COL4A2	211964_PM_at	1.49383	0.000911253
MS4A1	210356_PM_x_at	2.35516	0.000913783
FARSA	216602_PM_s_at	-1.3307	0.000913832
SLC22A18	204981_PM_at	-1.77103	0.00091404
FAM120A	200767_PM_s_at	-1.34737	0.000914529
LOC649305	1568780_PM_at	1.57235	0.000914616
IFIT2	217502_PM_at	1.31773	0.000914656
ETS1	214447_PM_at	1.68141	0.000914875
ACOX3	204241_PM_at	-1.25188	0.000916133
SIPA1	204164_PM_at	1.42619	0.000916299
ARL4D	203586_PM_s_at	-1.34808	0.000920278
FAM98A	212333_PM_at	1.38366	0.000923126
UBASH3B	228353_PM_x_at	1.22624	0.000923323
LOC100134445	236841_PM_at	1.46702	0.000924272
CMTM8	235099_PM_at	-1.44833	0.000924424
TMEM72	1558323_PM_at	-1.9504	0.000924662
DHPS	202802_PM_at	-1.41634	0.000924851
IFI27L2	223626_PM_x_at	1.30795	0.000929001
LRP11	225060_PM_at	-1.29115	0.000930469
PCYOX1L	218953_PM_s_at	1.38037	0.000930516
AKTIP	218373_PM_at	-1.50724	0.000930525
GCLM	203925_PM_at	-1.50323	0.000930528
HSD11B2	204130_PM_at	-2.3563	0.000930859
HDHD2	223155_PM_at	-1.32097	0.00093255
SMC5	212926_PM_at	1.32395	0.000934993
XRCC2	207598_PM_x_at	1.29024	0.000935256
C14orf109	213246_PM_at	-1.37783	0.000935729
PRR11	219392_PM_x_at	1.40723	0.000935805
C1orf25	220992_PM_s_at	-1.3767	0.000935942
MMP17	206234_PM_s_at	-1.23801	0.000937637
TAP2	204769_PM_s_at	1.55375	0.000937962
ATF7IP	207728_PM_at	1.43582	0.00093811
ABHD15	226796_PM_at	-1.33844	0.000938244
PLA2G12A	221027_PM_s_at	-1.28106	0.000938345
MAPK6	207121_PM_s_at	-1.22787	0.000939201
AHNAK2	212992_PM_at	1.5373	0.000939284
KIAA0100	201728_PM_s_at	-1.38142	0.000939476
RABL3	213970_PM_at	-1.23109	0.000943421
RAB27B	207017_PM_at	1.38684	0.000944877
GOLGA2B	219876_PM_s_at	-1.3458	0.000945188
ZNF92	235170_PM_at	1.34679	0.000946163
LOC440895	215247_PM_at	-1.35023	0.000946992
LOC100287289	236054_PM_at	-1.27376	0.000947091
RMND5A	212478_PM_at	-1.35179	0.000950354
AFF3	205734_PM_s_at	1.2487	0.000951282

MRPL42	217919_PM_s_at	-1.39064	0.000951432
PAPD4	225761_PM_at	1.63594	0.000951571
EEF1D	203113_PM_s_at	1.28857	0.000951617
IRAK3	213817_PM_at	1.20502	0.000952967
SLC16A14	238029_PM_s_at	1.5403	0.000952982
IL18	206295_PM_at	1.48596	0.00095402
BTAF1	209430_PM_at	1.41076	0.000955474
VAMP5	204929_PM_s_at	1.27662	0.000955576
ZBTB1	205092_PM_x_at	1.42871	0.000958143
MAGED4 /// MAGED4	221261_PM_x_at	1.44263	0.000958997
AREG	205239_PM_at	1.21496	0.000964141
FLJ12334	232664_PM_at	1.25771	0.000964169
BAG1	202387_PM_at	-1.41285	0.000964386
CTHRC1	225681_PM_at	2.6733	0.000967511
RNF5	209111_PM_at	-1.38168	0.000968909
NBPF10	212854_PM_x_at	1.46868	0.000970421
CLDN3	203953_PM_s_at	1.53389	0.000970455
CRLF3	205474_PM_at	1.75209	0.000970514
SLC40A1	223044_PM_at	1.20145	0.000970657
PRAP1	243669_PM_s_at	-2.9597	0.000972588
GRLF1	202044_PM_at	-1.21368	0.000973637
ALDH8A1	220148_PM_at	-2.12057	0.000975343
GNG7	206896_PM_s_at	-1.31787	0.000975563
SLC16A9	227506_PM_at	-2.69281	0.000977075
CBFB	202370_PM_s_at	1.22738	0.000977147
PELI2	219132_PM_at	-1.50688	0.000978054
ERCC8	205162_PM_at	-1.27872	0.000978632
IL21R	219971_PM_at	1.3469	0.000979689
KLHL28	220374_PM_at	1.27132	0.00098159
COPS6	201405_PM_s_at	-1.27517	0.000982423
LYRM5	225469_PM_at	-1.31893	0.000987292
BTG1	200920_PM_s_at	1.37557	0.000987623
LRCH3	214739_PM_at	1.50947	0.000993014
P2RY6	208373_PM_s_at	1.29256	0.000994411
KLHL26	219354_PM_at	-1.26309	0.000997285
TSR2	213079_PM_at	-1.25164	0.000997747
CHAC1	219270_PM_at	-1.27172	0.0009981
PCSK7	203118_PM_at	1.39498	0.001000222
COL4A4	214602_PM_at	1.44487	0.001002277
PRKD3	211084_PM_x_at	1.44946	0.001004984
CSRP2BP /// PET117	228544_PM_s_at	-1.41003	0.001005105
SNRNP25	218493_PM_at	-1.27514	0.001005287
NINJ2	219594_PM_at	1.61358	0.00100649
MRPS9	226749_PM_at	-1.29044	0.001007561
POP5	204839_PM_at	-1.24766	0.00101537
C14orf126	227158_PM_at	-1.21495	0.00101631
NOS2	210037_PM_s_at	-1.20794	0.001016791

EZH2	203358_PM_s_at	1.55662	0.001017782
PSME1	200814_PM_at	1.24564	0.001018218
SCNN1G	207295_PM_at	-1.6426	0.001018279
MPPED2	205413_PM_at	-1.70829	0.001020574
UNKL	221064_PM_s_at	1.20408	0.001020712
KLF5	209211_PM_at	1.4536	0.001020785
ALG8	203545_PM_at	-1.29356	0.001021183
TOMM22	222474_PM_s_at	-1.49104	0.001021425
SKP2	203625_PM_x_at	1.39409	0.001021644
PRSS3	213421_PM_x_at	-1.6864	0.001021759
KIAA0664	212456_PM_at	-1.27354	0.001021912
UBE2G1	209141_PM_at	-1.33175	0.001021987
GNA11	204248_PM_at	-1.32906	0.001026083
LPAR1	204036_PM_at	1.51609	0.00102625
RNF166	227726_PM_at	1.43497	0.001026733
NMNAT3	228090_PM_at	-1.26721	0.001028859
DDX19A	202577_PM_s_at	-1.23208	0.001029213
DLEU2	216870_PM_x_at	1.45638	0.001029768
HTR7P1	236115_PM_at	1.42413	0.001032743
LOC10431 /// TIMM2	218118_PM_s_at	-1.2637	0.001034339
APLN	222856_PM_at	-1.35349	0.001043347
ANKRD9	230972_PM_at	-1.28667	0.001044022
FBXW12	215600_PM_x_at	1.41917	0.001044594
ANO9	227393_PM_at	1.33734	0.001045832
GNS	203676_PM_at	-1.4179	0.001047532
ZNF518A	204291_PM_at	1.40147	0.001053324
C7orf41	226018_PM_at	-1.51809	0.0010537
LOC100289333	233775_PM_x_at	1.35427	0.001055297
GADD45GIP1	212891_PM_s_at	-1.28105	0.001055456
SYT6	244227_PM_at	-1.28162	0.001056346
NFKBID	230052_PM_s_at	1.38807	0.001056376
DAP	201095_PM_at	-1.33429	0.001060629
NCRNA00173	237591_PM_at	1.33043	0.001063481
TMEM123	211967_PM_at	1.35439	0.001065052
TCP1	208778_PM_s_at	-1.23613	0.001065191
FLRT1	210414_PM_at	-1.26971	0.001065433
CASC5	228323_PM_at	-1.25813	0.001067175
FLJ13197	219871_PM_at	1.2685	0.001067581
GPX3	201348_PM_at	-2.29907	0.001067703
OPTN	202073_PM_at	-1.22387	0.001070342
C9orf119	226027_PM_at	-1.22952	0.001071799
EAF2	219551_PM_at	-1.74275	0.001072735
GOLGA6L5 /// GOLGA	213212_PM_x_at	1.45225	0.001072812
SYAP1	225154_PM_at	-1.46238	0.001073971
ENC1	201340_PM_s_at	1.49351	0.001075737
PROM2	239528_PM_at	-1.24611	0.001076139
PPP5C	201979_PM_s_at	-1.26851	0.001078379

DOK2	214054_PM_at	1.59971	0.001078393
TMC8	227353_PM_at	1.56328	0.00107846
NES	218678_PM_at	-1.27338	0.001081343
HCRP1	216174_PM_at	1.32222	0.001081987
C7orf25 /// PSMA2	221573_PM_at	-1.3358	0.001082619
HSPA14	219212_PM_at	1.35748	0.001087102
DOCK9	212538_PM_at	1.4812	0.00108939
WDR25	219609_PM_at	-1.25952	0.001092623
TPD52	201688_PM_s_at	-1.78794	0.001094837
ZDHC11	221646_PM_s_at	-1.38773	0.001095718
DDX58	218943_PM_s_at	1.50937	0.001098287
CRISPLD2	221541_PM_at	1.65309	0.001098409
SNHG8	225220_PM_at	-1.27923	0.001099678
PEX1	204873_PM_at	-1.42287	0.001100172
PHIP	212542_PM_s_at	1.32133	0.001104425
ACP6	218795_PM_at	-1.49506	0.00110563
MICAL1	218376_PM_s_at	1.48283	0.001106074
ADAT2	227213_PM_at	1.22808	0.001106495
PPP2R3C	218852_PM_at	1.44477	0.001109996
CXorf65	231377_PM_at	1.51244	0.001111954
MAP3K13	206249_PM_at	-1.42067	0.001112392
MYLK4	1556136_PM_at	-1.39597	0.001113828
ICOSLG	211197_PM_s_at	-1.21649	0.00111393
SERPINE1	202627_PM_s_at	1.72533	0.001116232
FASTKD3	219200_PM_at	-1.42175	0.001117093
CENPW	226936_PM_at	1.6481	0.001120332
ZNF234	217663_PM_at	1.2011	0.001120646
SYF2	1559979_PM_at	1.24358	0.00112214
FAM20A	226804_PM_at	1.69886	0.0011225
IP6K3	231179_PM_at	-1.57112	0.001131452
C12orf29	213701_PM_at	-1.31477	0.001137731
RPA3	209507_PM_at	-1.32217	0.001142668
TTC13	219481_PM_at	1.46856	0.001142795
MOXD1	209708_PM_at	2.23319	0.001143288
HIPK2	213763_PM_at	-1.35552	0.001144679
MMAB	225826_PM_at	-1.31668	0.001144839
TAGAP	229723_PM_at	1.41653	0.001145769
CD24	208650_PM_s_at	1.37407	0.001145784
SHROOM4	232404_PM_at	-1.22837	0.001147397
LETMD1	207170_PM_s_at	-1.34878	0.001147654
AGAP5	221971_PM_x_at	1.26559	0.001148141
CCDC14	225017_PM_at	1.2348	0.001150748
ASCL2	229215_PM_at	1.23156	0.001151065
LCAT	204428_PM_s_at	1.32231	0.001151151
C2orf64	225409_PM_at	-1.30463	0.001151425
EIF2B2	202461_PM_at	-1.24791	0.001151535
MLL	212076_PM_at	1.39899	0.00115168

KLHL15	226370_PM_at	-1.40874	0.001153574
LSM4	202736_PM_s_at	-1.25457	0.001156091
LYST	203518_PM_at	1.5573	0.001161366
FAM81B	240065_PM_at	1.41362	0.001161594
CBLN3	235221_PM_at	1.48157	0.001164033
LOC100128292	239565_PM_at	-1.21995	0.001165646
TMEM61	230822_PM_at	-1.5325	0.001170656
ZNF678	230534_PM_at	1.31275	0.001170751
PET117	228543_PM_at	-1.43426	0.001172512
ABP1	203559_PM_s_at	-2.33823	0.001172516
COMMD8	218351_PM_at	-1.2988	0.00117546
CLRN3	229777_PM_at	-2.58764	0.001178202
NETO2	218888_PM_s_at	1.29209	0.001178302
MRPS5	224877_PM_s_at	1.33316	0.001178418
TRAPPC3	203511_PM_s_at	-1.31136	0.001178692
FBXO25	225591_PM_at	-1.28977	0.001181807
LOC100292909	241535_PM_at	1.36343	0.001181871
FEZ1	203562_PM_at	1.2328	0.001185049
BTLA	236226_PM_at	1.68685	0.001186159
C16orf13	227378_PM_x_at	-1.26213	0.001188128
ATP6V0B	200078_PM_s_at	-1.34325	0.001188171
MLF2	200948_PM_at	-1.46298	0.001191763
WDR24	223293_PM_at	-1.21523	0.001193073
ARHGDIB	201288_PM_at	1.90315	0.001193244
SUZ12P	217704_PM_x_at	1.4128	0.0011933
PLXDC1	214081_PM_at	1.47082	0.001199039
ZNF713	1560201_PM_at	1.23892	0.001201127
RAB33B	221014_PM_s_at	1.25376	0.001203194
PDXK	202671_PM_s_at	-1.29166	0.001204139
PTEN	204053_PM_x_at	1.36675	0.001205749
HYLS1	227687_PM_at	-1.25881	0.001208754
SNRPN /// SNURF	201522_PM_x_at	-1.31613	0.001211697
ANO10	218910_PM_at	-1.35037	0.001213661
PF4V1	207815_PM_at	1.26197	0.001214557
ADCYAP1	230237_PM_at	1.42488	0.001214751
SNAP23	209130_PM_at	-1.62221	0.001215555
FAM128B	212995_PM_x_at	1.24525	0.001215663
NR4A2	204621_PM_s_at	1.23701	0.001215766
DAG1	205417_PM_s_at	-1.24239	0.001217344
CEP68	207971_PM_s_at	1.41642	0.001219803
C17orf108	213195_PM_at	-1.26058	0.001222653
MAP2K2	202424_PM_at	-1.22233	0.001226235
LARP4	212714_PM_at	-1.28785	0.001228788
RB1	203132_PM_at	1.36389	0.001231314
UGT2B28	211682_PM_x_at	-2.52528	0.001231667
PRPSAP2	203537_PM_at	-1.35444	0.001232055
FGFR4	204579_PM_at	-1.34039	0.001232255

FAM111A	218248_PM_at	1.27719	0.001235287
IGSF5	243027_PM_at	-1.21265	0.001236756
SMAGP	209679_PM_s_at	1.40297	0.001238705
TDO2	205943_PM_at	2.01735	0.001240445
LOC645722	228978_PM_at	-1.4203	0.001240768
MUC20	226622_PM_at	-1.457	0.001243533
ATHL1	219359_PM_at	1.70375	0.001246901
PARD6G	227204_PM_at	-1.30367	0.0012479
ZNF37B	215358_PM_x_at	1.33485	0.001251662
NUDT16	228341_PM_at	-1.5879	0.00125208
MLF1IP	218883_PM_s_at	1.30941	0.001254179
SLC38A3	205972_PM_at	-1.33987	0.001254378
PTPRO	208121_PM_s_at	-1.97185	0.001258508
RPS3	208692_PM_at	1.23672	0.001258549
EPB49	204505_PM_s_at	-1.32189	0.001259618
HMBS	203040_PM_s_at	-1.28168	0.001260251
LY6E	202145_PM_at	1.37914	0.001264193
CD1E	208592_PM_s_at	1.40719	0.001264288
POLR2E	213887_PM_s_at	-1.55375	0.001264408
PCCA	203860_PM_at	-1.24719	0.001264848
ZNF519	1557283_PM_a_at	1.23682	0.001268158
RNF34	219035_PM_s_at	1.26964	0.001268424
AQP2	206672_PM_at	-2.35689	0.001268658
INTS4	225169_PM_at	1.21051	0.001270646
RSAD2	213797_PM_at	1.66933	0.001274615
WNT10A	223709_PM_s_at	1.31833	0.001278073
CBLB	209682_PM_at	1.44498	0.001281391
ZMYND11	202136_PM_at	-1.72641	0.001285349
PEX3	203969_PM_at	-1.88116	0.001286473
ACSL4	1557418_PM_at	1.56879	0.001286788
CHD1	235791_PM_x_at	1.2848	0.00128685
AAMP	201511_PM_at	-1.46395	0.001287681
LPAR2	206722_PM_s_at	1.25149	0.001292513
SUMO1	208761_PM_s_at	-1.28168	0.00129887
G3BP2	206383_PM_s_at	-1.36595	0.001303243
NR1I3	1570188_PM_at	-1.20981	0.001303945
BAD	1861_PM_at	-1.45691	0.001308782
VANGL2	226029_PM_at	1.44887	0.001310458
MAGI2	207702_PM_s_at	-1.37096	0.001313841
CDK10	203468_PM_at	-1.33415	0.001318585
GPC3	209220_PM_at	-1.81935	0.001318756
PRKD2	209282_PM_at	1.37592	0.00132091
FGB	204988_PM_at	2.97661	0.001321099
FBXW2	209630_PM_s_at	-1.22033	0.001326665
CARS	202402_PM_s_at	1.23377	0.001326846
CCR7	206337_PM_at	1.86937	0.001328422
EXT1	201995_PM_at	1.2436	0.001329857

SCN9A	206950_PM_at	-1.21798	0.001337208
FAT3	236029_PM_at	1.58787	0.001341629
HYI	221435_PM_x_at	-1.21489	0.001343382
PSD3	203354_PM_s_at	1.57917	0.001343718
LIN7C	219399_PM_at	-1.28446	0.001346085
COQ7	209745_PM_at	-1.25548	0.001347105
SMEK2	222270_PM_at	-1.20156	0.001348136
FAM82B	218549_PM_s_at	-1.27579	0.001348459
INPP4B	205376_PM_at	1.42851	0.001348804
RAI2	219440_PM_at	1.46214	0.001348892
THNSL2	219044_PM_at	-1.50721	0.001349059
NDUFV3	226209_PM_at	-1.29593	0.001360505
LOC728498	213737_PM_x_at	1.34534	0.001360847
KITLG	226534_PM_at	1.42897	0.001361354
C8orf59	226165_PM_at	1.33056	0.001362705
PILRA	219788_PM_at	1.32585	0.001362937
C1orf74	229933_PM_at	-1.32715	0.001365843
SLC6A8	202219_PM_at	-1.64324	0.001369268
LOC100133321	216729_PM_at	-1.228	0.001372287
LOC100131993	230292_PM_at	1.5209	0.001372299
PTPN6	206687_PM_s_at	1.68895	0.001372751
CHCHD3	217972_PM_at	-1.24786	0.001377473
MON1A	224500_PM_s_at	-1.27276	0.001378691
PDZD8	213549_PM_at	-1.28718	0.001379232
MUC15	227238_PM_at	-1.94654	0.001379529
FLJ35934	1557895_PM_at	1.28187	0.001387536
TMEM163	223503_PM_at	1.59507	0.001389922
TRAF3IP3	205804_PM_s_at	1.71367	0.001390598
PPP1R13L	218849_PM_s_at	1.32061	0.001394204
GIMAP6	219777_PM_at	1.5991	0.001398439
SNX13	213292_PM_s_at	-1.32784	0.001398826
KIAA0101	202503_PM_s_at	1.54976	0.001398942
SCLT1	236487_PM_at	1.37376	0.001400755
MRPS33	218654_PM_s_at	-1.21015	0.00140088
MRPS25	224015_PM_s_at	-1.30095	0.001401134
SIVA1	203489_PM_at	-1.33082	0.001402673
ERN1	235745_PM_at	1.29888	0.001407219
TMEM147	202475_PM_at	-1.20064	0.001413532
GNPTG	224887_PM_at	-1.25797	0.001413831
KIAA1377	232166_PM_at	1.30532	0.001415493
MRPL15	218027_PM_at	-1.37688	0.001417946
PRKX /// PRKY	204060_PM_s_at	1.69608	0.001419935
GAPDH	AFFX-HUMGAPDH/M	-1.30352	0.001422416
TMCO1	208715_PM_at	-1.29623	0.001424466
NDUFB10	223112_PM_s_at	-1.20499	0.001424775
SPATA21	1570241_PM_at	-1.21083	0.001425176
PPP2R1A	200695_PM_at	-1.39626	0.001425294

AHCYL1	200848_PM_at	-1.24021	0.001426413
PPFIA1	202065_PM_s_at	-1.3459	0.001426418
PHF16	204866_PM_at	1.21722	0.001432429
AGTR1	205357_PM_s_at	-1.5402	0.001436748
FAM54A	228069_PM_at	1.21488	0.001440373
ATPIF1	218671_PM_s_at	-1.22236	0.001441113
CFD	205382_PM_s_at	2.08817	0.001443095
SLC12A8	219874_PM_at	1.33221	0.00144368
SNX30	226249_PM_at	-1.46526	0.001443733
ITGAV	202351_PM_at	1.36664	0.00144399
IMMP1L	229025_PM_s_at	-1.24343	0.001444053
PRDM15	230777_PM_s_at	1.36195	0.001446134
KDM4C	209984_PM_at	1.28622	0.00144872
TRIM5	210705_PM_s_at	1.21774	0.001449912
EFHD2	217992_PM_s_at	1.37132	0.001468404
CDRT15L2	240889_PM_at	-1.23201	0.001469204
LOC442075	237005_PM_at	1.37316	0.001473109
ATG4A	213115_PM_at	-1.27571	0.001485804
LOC100129387	226900_PM_at	1.20361	0.001487621
ATP1B2	204311_PM_at	-1.35271	0.001488425
SC4MOL	209146_PM_at	-1.27938	0.001490333
FGFR1	207822_PM_at	1.39935	0.00149287
LANCL2	218219_PM_s_at	-1.31137	0.001497414
ABCC6 /// ABCC6P2	214033_PM_at	-2.09329	0.001498215
PTDSS2	221005_PM_s_at	-1.30249	0.001503114
LRTOMT	226717_PM_at	-1.32597	0.00150458
FAM78A	227002_PM_at	1.6011	0.001510387
IDI1	204615_PM_x_at	-1.24216	0.001513155
LPGAT1	202651_PM_at	1.40678	0.001516193
IKBKE	204549_PM_at	1.27149	0.001516428
PGAP3	221811_PM_at	-1.34722	0.001517241
TAL2	231759_PM_at	-1.20356	0.001518137
KLHDC7A	1553437_PM_at	-1.41181	0.001522788
CSMD1	231223_PM_at	-1.35609	0.001522976
C12orf62	225772_PM_s_at	-1.23293	0.001524152
LOC100294335	229821_PM_at	1.55935	0.001525443
EFEMP1	201842_PM_s_at	1.45856	0.001528041
LSM3	202209_PM_at	-1.24776	0.001528124
NAT2	206797_PM_at	-1.48656	0.001528167
PDE4B	203708_PM_at	1.34278	0.001530262
CARKD	217940_PM_s_at	-1.24017	0.001530569
PRPS1	208447_PM_s_at	-1.32136	0.001530585
CWH43	220723_PM_s_at	-1.68666	0.001530935
ANXA8 /// ANXA8L1 /	203074_PM_at	-1.31554	0.001545304
PTAFR	206278_PM_at	1.43915	0.00154811
KCNMB1	209948_PM_at	1.41557	0.001559957
TRAM2	202368_PM_s_at	1.46965	0.001562381

IER3IP1	211406_PM_at	-1.32049	0.001573065
FGL2	204834_PM_at	1.36085	0.001580071
CHEK2	210416_PM_s_at	1.2941	0.001580924
ATP6VOA4	220197_PM_at	-1.95676	0.001583588
CTSG	205653_PM_at	1.4332	0.001583834
ZHX2	203556_PM_at	1.32277	0.001586761
PLCXD2	235230_PM_at	1.22721	0.001586801
FLT3LG	206980_PM_s_at	1.33538	0.001593317
EGFL6	219454_PM_at	-1.26545	0.001596633
NIPAL2	227001_PM_at	1.50559	0.001600511
ELFN1	229581_PM_at	-1.31361	0.001603194
ULK3	225067_PM_at	-1.27544	0.001603534
RANGRF	218526_PM_s_at	-1.2159	0.001604696
SDCBP2	233565_PM_s_at	1.33982	0.001608287
HTRA1	201185_PM_at	-1.34768	0.001612615
C12orf4	218374_PM_s_at	1.2734	0.001614158
ETV7	221680_PM_s_at	1.21681	0.0016161
LYAR	223413_PM_s_at	1.53832	0.001617525
ZNF771	219781_PM_s_at	-1.22727	0.001619118
EHBP1L1	221755_PM_at	1.40129	0.001619862
AGTRAP	225059_PM_at	-1.4357	0.001619926
NDUFAF4	219006_PM_at	-1.31323	0.001621144
SH2D2A	207351_PM_s_at	1.34435	0.001626442
MUC3B	214898_PM_x_at	1.65618	0.001626792
MRPL40	203152_PM_at	-1.20904	0.001632486
CD160	207840_PM_at	1.55429	0.001633073
TTC22	235651_PM_at	-1.48084	0.001633364
MGP	202291_PM_s_at	1.47543	0.001637751
LAD1	203287_PM_at	-1.28131	0.001638914
DNAJC2	213097_PM_s_at	1.29418	0.001643403
ITM2B	217732_PM_s_at	-1.20121	0.001651983
C1orf210	1554246_PM_at	-1.67795	0.001652644
CPNE7	219707_PM_at	-1.29923	0.001662645
LOC729222 /// PPFIBF	214375_PM_at	1.62739	0.001668308
ORC5L	204957_PM_at	-1.27029	0.001676226
NELL2	203413_PM_at	1.94559	0.001680597
C18orf45	224493_PM_x_at	1.31949	0.00168094
CISD2	226686_PM_at	-1.26182	0.00168186
FGD5	226984_PM_at	-1.25059	0.001684983
PCDHB14	231726_PM_at	1.35669	0.001686206
LOC100009676	232259_PM_s_at	-1.28211	0.001690289
ZNF738	229700_PM_at	1.2876	0.001695072
TOX2	228737_PM_at	1.50737	0.00169594
ORAI2	217529_PM_at	1.38815	0.001695989
PLCL2	213309_PM_at	-1.75353	0.001696156
HOXC5	206739_PM_at	-1.22333	0.001700794
C6orf136	227455_PM_at	-1.32848	0.001700979

COX4I1	213758_PM_at	-1.32104	0.001700988
KIAA0895L	1558041_PM_a_at	1.23335	0.001701444
SUCNR1	223939_PM_at	-2.10723	0.001703141
POC5	227267_PM_at	1.37801	0.001703406
FLNA	200859_PM_x_at	1.4729	0.001705132
ICAM2	204683_PM_at	1.58829	0.00170706
RAC3	206103_PM_at	-1.20754	0.001707064
EFHC1	219833_PM_s_at	1.43113	0.001708104
H2AFV	202487_PM_s_at	-1.22743	0.001709841
RCBTB1	218352_PM_at	-1.40862	0.001710066
MAPK9	203218_PM_at	-1.33966	0.001710109
FDXR	207813_PM_s_at	-1.25239	0.001710552
THBD	203887_PM_s_at	1.58569	0.001713439
FBXO28	202271_PM_at	-1.34742	0.001713529
SYK	207540_PM_s_at	1.48646	0.001715443
PDLIM2	219165_PM_at	-1.22603	0.001716236
NUDT1	204766_PM_s_at	1.38338	0.001717325
RPS28	208902_PM_s_at	-1.22128	0.001727685
HK3	205936_PM_s_at	1.25521	0.001730666
ARHGAP29	203910_PM_at	1.49282	0.001735642
PARP2	204752_PM_x_at	-1.28931	0.001738807
SDC2	212154_PM_at	-1.73098	0.001750656
HLF	204753_PM_s_at	-1.48168	0.001752542
UCHL5	219960_PM_s_at	-1.31265	0.001752846
TBX19	206838_PM_at	1.22633	0.001757474
LPAR6	218589_PM_at	1.34547	0.001767939
ALPK1	207133_PM_x_at	1.23923	0.001769823
LOC100271722	232088_PM_x_at	1.23169	0.001772242
LOC644538	227976_PM_at	1.34946	0.001775079
TM2D2	224413_PM_s_at	-1.23876	0.001775877
SYTL2	220613_PM_s_at	1.56315	0.001776776
LOC729839	236692_PM_at	1.29667	0.001785477
LPCAT1	201818_PM_at	1.5188	0.001787728
GABARAPL1	208868_PM_s_at	-1.56875	0.001789878
TMED5	202194_PM_at	-1.36011	0.001790824
PPARGC1A	219195_PM_at	-1.61332	0.001790946
MAPKAPK3	202787_PM_s_at	-1.26855	0.001797452
ZNF280C	235520_PM_at	1.23945	0.001801714
PSMD8	200820_PM_at	-1.26489	0.001810923
TPSAB1 /// TPSB2	207134_PM_x_at	1.53662	0.001814783
LANCL1	202019_PM_s_at	-1.20239	0.001815002
C6orf35	218453_PM_s_at	-1.26002	0.001824877
FRAT1	219889_PM_at	1.36201	0.001825909
MUS81	218463_PM_s_at	1.22032	0.001826151
HOXD8	231906_PM_at	-1.47722	0.001827585
HRCT1	235496_PM_at	1.50166	0.0018312
MTFMT	235689_PM_at	-1.42829	0.001832321

LOC200030 /// NBPF1	226740_PM_x_at	1.30582	0.001833923
EMCN	219436_PM_s_at	-1.6345	0.001834082
AMZ2	218167_PM_at	-1.262	0.001842465
MKNK1	209467_PM_s_at	1.4692	0.001842505
SNHG3	215011_PM_at	1.41671	0.001842809
ZNF747	206180_PM_x_at	-1.23668	0.001843089
HCG26	214186_PM_s_at	1.51842	0.001845312
PLXNA1	221537_PM_at	1.26656	0.001845671
FADS1	208962_PM_s_at	1.35288	0.001846508
GUCY1A3	221942_PM_s_at	1.52932	0.001848843
IGFBP4	201508_PM_at	-1.42263	0.001854794
ATP8B1	214594_PM_x_at	1.40799	0.001854916
COX11	203551_PM_s_at	-1.21782	0.001855195
SCARA3	219416_PM_at	1.46691	0.001855817
CAPN5	205166_PM_at	-1.21558	0.001856332
COMMD10	218439_PM_s_at	-1.48734	0.001862842
CHUK	209666_PM_s_at	-1.43371	0.001881881
MAFG	204970_PM_s_at	-1.20186	0.001882874
IFT88	204703_PM_at	-1.24238	0.001884503
PSEN1	203460_PM_s_at	-1.38742	0.001885875
HBG1 /// HBG2	204419_PM_x_at	-1.46967	0.001888504
IFFO1	209721_PM_s_at	1.37577	0.0018898
MYOM2	205826_PM_at	-1.66302	0.001892113
MRAS	206538_PM_at	1.2167	0.001893684
VAT1L	226415_PM_at	-1.33698	0.001894646
MAP3K1	214786_PM_at	1.44736	0.001900801
DNAJB5	212817_PM_at	-1.291	0.001907828
FANCI	213007_PM_at	1.32496	0.001907945
UGT1A1 /// UGT1A10	204532_PM_x_at	-2.42384	0.001908129
RFNG	212968_PM_at	-1.35791	0.001910993
ZADH2	227049_PM_at	-1.27984	0.001912244
DGKD	208072_PM_s_at	1.43748	0.001912644
MAPK8IP2	205050_PM_s_at	-1.22414	0.00191273
LZIC	226081_PM_at	-1.23272	0.001915117
KLHL9	213233_PM_s_at	1.21472	0.001917169
SEMA4D	203528_PM_at	1.37098	0.00191944
CLPX	204809_PM_at	-1.27245	0.001919598
RWDD2B	218377_PM_s_at	-1.30111	0.001922506
TRNAU1AP	218977_PM_s_at	1.23396	0.001922967
TM9SF4	212194_PM_s_at	-1.23912	0.001925564
TRMT61B	221229_PM_s_at	-1.33933	0.001925586
DGCR8	218650_PM_at	1.26925	0.00192573
ALDOB	204704_PM_s_at	-2.43214	0.001925786
MDK	209035_PM_at	1.399	0.001926011
CHST14	226314_PM_at	1.28241	0.001926042
DEDD	202480_PM_s_at	-1.22576	0.001928873
ANAPC5	208721_PM_s_at	-1.36989	0.001929746

GPX4	201106_PM_at	-1.2685	0.001930577
UHRF1	225655_PM_at	1.46864	0.001933636
MUL1	218246_PM_at	-1.27335	0.001935228
LSM12	212529_PM_at	-1.2565	0.001937597
CD83	204440_PM_at	-1.42215	0.00194658
ZNF524	238683_PM_at	-1.20894	0.001948557
TMED6	236430_PM_at	-2.45543	0.001957027
VEGFC	209946_PM_at	1.45995	0.001958457
GYPC	202947_PM_s_at	1.39304	0.001964375
C19orf36	214296_PM_x_at	-1.21	0.001967059
ARHGAP4	204425_PM_at	1.35112	0.001968436
PDK3	206347_PM_at	-1.2834	0.001971025
MAPK1	208351_PM_s_at	1.24804	0.001973945
ST6GALNAC3	235334_PM_at	-1.5324	0.001977852
GPAA1	201618_PM_x_at	-1.29399	0.00197899
DZIP1	204556_PM_s_at	-1.31399	0.001979492
DDAH1	209094_PM_at	-1.67942	0.00198064
RRN3P3	238412_PM_at	1.23534	0.00198324
TOM1	202807_PM_s_at	-1.26435	0.001996453
SULT1C2	205342_PM_s_at	-1.76422	0.001996902
SUZ12 /// SUZ12P	213971_PM_s_at	1.36815	0.001998364
GGT5	205582_PM_s_at	1.51275	0.00200448
VASP	202205_PM_at	1.43501	0.002006085
IGDCC4	227870_PM_at	1.7996	0.002006989
PRKCDBP	213010_PM_at	1.35708	0.002007761
MPV17	203466_PM_at	-1.37647	0.002012153
CBR3	205379_PM_at	1.47306	0.002012316
TIMM50	217612_PM_at	-1.24424	0.002023887
ARID4B	214139_PM_at	1.22132	0.002027198
RNF126	205748_PM_s_at	-1.23778	0.0020273
TMCC3	226489_PM_at	-1.35867	0.002027388
TMEM116	227172_PM_at	-1.51593	0.002027566
SRPX	204955_PM_at	1.96916	0.002032924
PLEKHG4	228171_PM_s_at	1.2721	0.002036898
SH2B2	205367_PM_at	1.31455	0.002038117
TLR4	221060_PM_s_at	1.26722	0.002043543
AHI1	220841_PM_s_at	1.29543	0.002047736
NVL	207877_PM_s_at	1.23268	0.00204784
LIPG	219181_PM_at	1.5794	0.002050522
IL17C	224079_PM_at	-1.28188	0.002058238
ATP6AP1	207809_PM_s_at	-1.28285	0.002060456
PPRC1	203737_PM_s_at	1.30023	0.00206059
ANXA5	200782_PM_at	1.24856	0.002065236
SMARCC1	201072_PM_s_at	-1.32774	0.002068896
ANTXR2	225524_PM_at	1.25432	0.00207174
FBXL16	227641_PM_at	1.24491	0.00208461
ITPR2	202660_PM_at	-1.47623	0.002088259

GALNT4 /// POC1B	220442_PM_at	-1.21326	0.0020886
SLFN12	219885_PM_at	1.27654	0.002089244
OPHN1	206323_PM_x_at	1.34583	0.002089318
C14orf145	232635_PM_at	1.21212	0.00209089
PIK3CD	203879_PM_at	1.26282	0.002094032
GRM1	207299_PM_s_at	-1.21451	0.002096234
TSPYL1	221493_PM_at	-1.21747	0.002098214
RNF44	203286_PM_at	1.31223	0.002098338
ATOX1	203454_PM_s_at	-1.32654	0.002104328
IL15	205992_PM_s_at	1.40277	0.002104944
GGCX	205351_PM_at	-1.27832	0.002107142
CD244	220307_PM_at	1.26878	0.002107944
WDR81	226738_PM_at	-1.29388	0.002111501
RRAS	212647_PM_at	1.45041	0.002117631
SAA1 /// SAA2	208607_PM_s_at	2.42873	0.00212616
PPIL4 /// ZC3H12D	1559263_PM_s_at	1.75778	0.002126604
C11orf52	238805_PM_at	-1.54822	0.002128522
EVC	210887_PM_s_at	-1.34606	0.002130731
TGIF1	203313_PM_s_at	1.51949	0.002132305
LAIR2	207509_PM_s_at	1.53316	0.002134299
LRRFIP1	201861_PM_s_at	1.5598	0.002135347
LRRC69	238214_PM_at	1.32382	0.002136976
LOC440434	214107_PM_x_at	-1.22152	0.002137398
PTGS2	204748_PM_at	1.28595	0.002139986
SLAMF1	206181_PM_at	1.49635	0.002142758
NPAS2	213462_PM_at	1.4738	0.002145954
GNG10	201921_PM_at	1.21431	0.002147082
LMO4	209204_PM_at	1.28958	0.002148407
TMEM111	215250_PM_at	-1.33197	0.002148545
LOC285830	222279_PM_at	1.23056	0.002150804
MGC39372	239186_PM_at	1.2966	0.002156524
CSK	202329_PM_at	1.53605	0.002156867
SLC22A2	207429_PM_at	-1.97617	0.002157115
AKT3	212607_PM_at	1.2197	0.002162836
AGPAT5	218096_PM_at	-1.2659	0.002166865
EIF2B3	218488_PM_at	-1.37052	0.002170634
C12orf69	237484_PM_at	-1.51531	0.002171111
FBXW7	218751_PM_s_at	1.3814	0.002173448
SNUPN	207438_PM_s_at	-1.21899	0.002184384
RBMX2	204097_PM_s_at	1.24275	0.002185387
FAM109B	226504_PM_at	1.28732	0.002187358
LAMA5	210150_PM_s_at	1.32979	0.002191037
SMYD2	212921_PM_at	1.33881	0.002207209
LOC283588	1557113_PM_at	1.26229	0.002210048
HLA-DPB2	239975_PM_at	1.39364	0.002212193
C1orf217	210711_PM_at	1.24428	0.002212488
VTI1B	209452_PM_s_at	-1.27374	0.002214402

C1orf43	223034_PM_s_at	-2.15479	0.002215137
MRRF	225126_PM_at	-1.2644	0.002223541
HPGDS	206726_PM_at	1.58192	0.002224768
SPNS2	225671_PM_at	-1.43038	0.002234025
FAM161B	242608_PM_x_at	1.32369	0.002240507
LRPAP1	201186_PM_at	-1.26108	0.00224204
FGD3	227811_PM_at	1.28866	0.002242291
HOXA7	206847_PM_s_at	-1.34089	0.002251684
COG8 /// PDF	219575_PM_s_at	-1.25717	0.002253002
RNF146	221430_PM_s_at	-1.40093	0.002253345
SVEP1	213247_PM_at	1.22993	0.002266249
HEXIM1	202814_PM_s_at	-1.23105	0.002266577
SOD2	215078_PM_at	1.5805	0.002270103
INSC	237056_PM_at	-1.20561	0.002271026
RPL37A	213459_PM_at	1.32245	0.002274453
PGK1	200737_PM_at	-1.36435	0.002278542
TOX	204529_PM_s_at	1.3375	0.002281204
ELK4	206919_PM_at	1.65499	0.002282575
ZDHHC24	205634_PM_x_at	-1.33264	0.002283075
GNL3	217850_PM_at	1.42423	0.002283166
DICER1	206061_PM_s_at	1.51299	0.002288353
UBIAD1	219131_PM_at	-1.23916	0.00229147
LOC389906	1556102_PM_x_at	1.21978	0.002298369
CFP	206380_PM_s_at	1.50783	0.002298583
CHD7	218829_PM_s_at	1.26963	0.002299933
C19orf24	221587_PM_s_at	-1.32084	0.002302384
TTC39B	232000_PM_at	-1.36655	0.00230276
SLC2A14 /// SLC2A3	216236_PM_s_at	1.34503	0.002302873
LOC100128460 /// LO	231821_PM_x_at	1.29332	0.002306893
E2F7	228033_PM_at	1.22698	0.002307076
TRIM23	204732_PM_s_at	-1.23931	0.002317663
EPB41L5	220977_PM_x_at	-1.57208	0.002322582
	9-Mar 226454_PM_at	-1.21091	0.00233188
PKHD1L1	230673_PM_at	1.35797	0.002334622
C1orf133	230121_PM_at	1.52168	0.002353826
ZNF385B	229019_PM_at	-1.51257	0.00235466
MACC1	232151_PM_at	1.52834	0.002361813
KIAA0114	224870_PM_at	-1.27688	0.002364474
ZNF311	236551_PM_at	1.20365	0.002367873
CCL19	210072_PM_at	2.82834	0.00236803
CROCCL1	211038_PM_s_at	1.20239	0.002368365
FAM22B	234695_PM_x_at	-1.27002	0.002368415
FRG1B	234949_PM_at	1.55747	0.002370093
NICN1	223442_PM_at	-1.26876	0.002372701
F3	204363_PM_at	-1.34335	0.002382454
ARRB1	218832_PM_x_at	1.3209	0.002385695
RLN2	214519_PM_s_at	1.36887	0.002387532

GFOD1	219821_PM_s_at	1.45952	0.002387918
GOSR1	204630_PM_s_at	-1.20067	0.002391596
CCDC88A	219387_PM_at	1.24836	0.00239522
C19orf76	232154_PM_at	1.22498	0.002395242
C20orf26	1554657_PM_a_at	-1.21318	0.002396223
TSLP	235737_PM_at	1.36081	0.002400432
PDGFC	218718_PM_at	-1.47913	0.002402892
LINGO2	232720_PM_at	-1.33873	0.002408372
TNFSF10	202687_PM_s_at	1.30899	0.002408989
PARP15	1564310_PM_a_at	1.30527	0.002413807
GABRB3	205850_PM_s_at	-1.90633	0.002417352
ATG9A	202492_PM_at	-1.23191	0.002418052
PDHX	203067_PM_at	-1.30978	0.002423909
MAST4	210958_PM_s_at	-1.27991	0.002425561
SUMF1	226850_PM_at	-1.20219	0.002426898
BSG	208677_PM_s_at	-1.45434	0.002438254
LOC100287576	1558118_PM_at	-1.20476	0.002438452
LOC727930	237117_PM_at	-1.34386	0.002438919
RNFT1	221194_PM_s_at	-1.30014	0.002441844
TMEM187	204340_PM_at	-1.22343	0.00244334
CAD	202715_PM_at	1.43371	0.002446025
BBS2	223227_PM_at	-1.28858	0.002447768
TRIP6	209129_PM_at	-1.29427	0.00244971
SGEF	227197_PM_at	-1.2054	0.00244993
CLIP3	212358_PM_at	1.30621	0.002452563
SYS1	224668_PM_at	-1.30848	0.002454412
TP53INP2	224836_PM_at	-1.42226	0.002455457
CENPE	205046_PM_at	1.21016	0.002456798
DOCK8	225502_PM_at	1.44785	0.002457401
SIT1	205484_PM_at	1.3186	0.002457855
PRKCD	202545_PM_at	-1.26655	0.002464607
GAS7	202191_PM_s_at	1.35654	0.002465355
TM6SF1	219892_PM_at	1.6934	0.002480378
CDK5RAP3	218740_PM_s_at	1.28829	0.002481891
EHD1	208112_PM_x_at	-1.23089	0.002485009
SLC39A14	212110_PM_at	-1.22161	0.002498497
ARHGAP17	218076_PM_s_at	1.30748	0.002499189
PRKX	204061_PM_at	1.52821	0.002502743
HDAC6	206846_PM_s_at	-1.30794	0.002503226
ASPM	219918_PM_s_at	1.22482	0.002504026
GALNT10	207357_PM_s_at	1.2953	0.002505135
EMR1	207111_PM_at	1.37363	0.002506888
MDH1B	238721_PM_at	-1.38413	0.00251568
PNMA2	209597_PM_s_at	1.3284	0.002515794
PCOLCE2	219295_PM_s_at	-1.92382	0.002515991
AK3	224151_PM_s_at	-1.30535	0.002516
ALKBH4	222228_PM_s_at	-1.21326	0.002516374

ABHD14B	224821_PM_at	-1.40986	0.00251723
ARMC1	218185_PM_s_at	-1.3653	0.002519606
CEBPD	203973_PM_s_at	1.36345	0.00252365
SLC30A2	224485_PM_s_at	-1.54867	0.002525258
FAM167B	223657_PM_at	1.47095	0.002525429
TNPO2	210585_PM_s_at	-1.33766	0.002526171
OGDHL	219277_PM_s_at	-1.84021	0.00252768
PPM1M	226074_PM_at	1.47103	0.00253028
FGF2	204421_PM_s_at	1.23973	0.002534711
FAM200B	227270_PM_at	-1.25356	0.002546412
EPHB1	210753_PM_s_at	1.20505	0.002546604
NPLOC4	217796_PM_s_at	-1.33413	0.002549191
ARHGEF16	208009_PM_s_at	-1.23686	0.002553275
C20orf108	224693_PM_at	-1.62415	0.002555231
PPFIA3	213368_PM_x_at	-1.2118	0.002556778
TSKU	218245_PM_at	-1.65828	0.002556965
HOMER3	204647_PM_at	-1.38784	0.002557297
LOC729799	217667_PM_at	1.36235	0.002557436
KDM5A	202040_PM_s_at	1.26428	0.002560133
CNPY3	217931_PM_at	1.30969	0.002560483
C6orf106	205457_PM_at	-1.40774	0.002565068
NUPL1	204435_PM_at	1.23605	0.00256964
WDR86	243526_PM_at	1.33836	0.002571201
HDAC1	201209_PM_at	1.2146	0.002573635
PTPN11	205868_PM_s_at	-1.59683	0.002581763
LOC100287927	211655_PM_at	1.40602	0.002586363
FSTL1	208782_PM_at	1.42922	0.002588987
SGMS2	227038_PM_at	-1.38395	0.002589138
GMNN	218350_PM_s_at	-1.32083	0.002589382
BBS12	229603_PM_at	-1.47271	0.002593776
NCRNA00201	225786_PM_at	1.54174	0.00259521
CRLF1	206315_PM_at	1.29021	0.002597847
CYLD	213295_PM_at	1.3843	0.002598991
INPP4A	204552_PM_at	1.34978	0.002600932
LOC100288911	236656_PM_s_at	-1.35305	0.00260146
TMEM130	238426_PM_at	1.34139	0.002602352
HMMR	207165_PM_at	-1.32564	0.002602504
FAM155A	214825_PM_at	1.21884	0.002602548
RAB18	223336_PM_s_at	-1.46474	0.002609284
KIF2A	203086_PM_at	1.30544	0.002618406
CYHR1	213072_PM_at	-1.23386	0.002619721
GPRC5A	203108_PM_at	1.65713	0.002622193
C5orf53	226977_PM_at	-1.20121	0.002628174
FAM84B	225864_PM_at	-1.22496	0.002643102
GPR144	216289_PM_at	-1.24015	0.002648724
GABRE	204537_PM_s_at	1.48553	0.002659629
C14orf68	237765_PM_at	-1.23284	0.002659886

STAT3	208991_PM_at	1.25579	0.002659933
PYCR1	202148_PM_s_at	-1.22955	0.002665384
AKT1S1	224982_PM_at	-1.23303	0.002668505
STAG3L4	218994_PM_s_at	-1.24075	0.002671641
KCNMB2	221097_PM_s_at	-1.29288	0.002672984
SLC17A3	207298_PM_at	-3.10071	0.002673253
PDDC1	227968_PM_at	-1.24898	0.002673752
LACTB	226354_PM_at	-1.61007	0.002673823
NAT15	218661_PM_at	-1.24705	0.002678485
HNRNPA1	214280_PM_x_at	1.58636	0.002678904
CFL2	224352_PM_s_at	-1.52143	0.002704657
PDHA1	200979_PM_at	-1.21862	0.002708346
ARL6IP4	218216_PM_x_at	-1.24582	0.002717672
ST20	210242_PM_x_at	-1.21823	0.002720471
NCRNA00115	220399_PM_at	1.22057	0.002724491
MRC2	209280_PM_at	-1.35837	0.002725334
NUDT18	219665_PM_at	-1.2381	0.002725596
PPP1R3E	227409_PM_at	-1.30257	0.002726509
PPP6C	203529_PM_at	-1.31903	0.002726693
NAIP	204860_PM_s_at	1.57403	0.002728373
PADI2	209791_PM_at	-1.26351	0.002731345
LOC100128737	228753_PM_at	-1.28837	0.002731915
TAF6	203572_PM_s_at	-1.24207	0.002736331
MGST1	224918_PM_x_at	-1.96927	0.002739314
HAS2	206432_PM_at	1.32335	0.002740768
NAT8 /// NAT8B	206963_PM_s_at	-2.43608	0.002740835
FAM122A	226443_PM_at	-1.26924	0.002741088
AIFM3	244084_PM_at	-1.21713	0.002743133
CYP51A1	202314_PM_at	-1.27018	0.002743638
CCNE2	205034_PM_at	1.35157	0.002750082
ZMAT5	218752_PM_at	-1.24337	0.002761082
NCAPG	218662_PM_s_at	1.35693	0.002767037
DDX26B	227485_PM_at	1.50702	0.002773275
JAGN1	223104_PM_at	-1.2896	0.002776781
APLP2	208248_PM_x_at	-1.35472	0.002777026
SLC2A6	220091_PM_at	1.53024	0.002780542
RP9P	223945_PM_x_at	1.20222	0.00278132
GPRC5B	203631_PM_s_at	-1.21961	0.002781628
NBPF10 /// NBPF15 //	201103_PM_x_at	1.31269	0.002783932
TP53	201746_PM_at	1.27961	0.002784337
WDR45	209216_PM_at	-1.31278	0.002784587
CCDC50	225331_PM_at	1.37104	0.002788672
TRIM2	202341_PM_s_at	-1.34089	0.002794536
LOC285033	235584_PM_at	-1.21245	0.002802644
FLJ38379	1556474_PM_a_at	1.27589	0.002802964
IFIT3	204747_PM_at	1.46552	0.002802987
HRASLS5	231050_PM_at	-1.25803	0.002804513

TMEM213	239593_PM_at	-1.94003	0.002805248
FAM70B	238226_PM_at	1.21307	0.002808112
C12orf10	218220_PM_at	-1.34531	0.002810033
XYLT1	213725_PM_x_at	1.24436	0.00281053
BZW1 /// BZW1L1	200776_PM_s_at	-1.33231	0.002815767
VAMP3	201337_PM_s_at	-1.82351	0.002821758
CAST	207467_PM_x_at	1.20372	0.002826647
ZNF642	1569107_PM_s_at	1.24511	0.002832595
CTSW	214450_PM_at	1.33247	0.002835858
POGZ	212153_PM_at	1.2788	0.002835992
TMEM33	218465_PM_at	-1.45118	0.002837535
RASGRP1	205590_PM_at	1.46947	0.002837704
ITGAX	210184_PM_at	1.5199	0.002838645
TMEM91	229957_PM_at	1.2263	0.002839055
PEX16	221603_PM_at	-1.34648	0.002840571
C17orf49	224574_PM_at	1.39399	0.002842221
SRGAP1	227484_PM_at	1.33717	0.002842513
C5orf24	224875_PM_at	-1.52466	0.002846568
SCAP	212329_PM_at	-1.20228	0.002846969
ALDH1A3	203180_PM_at	1.69255	0.002861367
GBA /// GBAP1	209093_PM_s_at	-1.27945	0.002863885
SSBP4	223226_PM_x_at	1.29222	0.002865148
SCYL2	221220_PM_s_at	-1.3517	0.00287191
MYB	204798_PM_at	1.35961	0.0028722
CDC42EP3	209286_PM_at	1.32819	0.002872743
PTMS	218044_PM_x_at	-1.22375	0.002877375
ZBTB44	220243_PM_at	-1.59086	0.00288134
IDH3A	202069_PM_s_at	-1.3407	0.002882868
ITGB6	208083_PM_s_at	1.66126	0.00288305
MYO1C	214656_PM_x_at	1.2539	0.002883174
DAB1 /// OMA1	226020_PM_s_at	-1.48684	0.002888352
AASS	210852_PM_s_at	-1.51916	0.002888746
TSPAN32	220558_PM_x_at	1.21209	0.002902091
LOC728701	234380_PM_x_at	-1.24642	0.002909996
ANKRD22	238439_PM_at	1.4557	0.002924554
UBR3	230029_PM_x_at	-1.54075	0.00292516
CCDC74A /// CCDC74I	227966_PM_s_at	1.46881	0.002925275
KLF7	204334_PM_at	1.2767	0.002925502
IL6	205207_PM_at	1.27697	0.002925933
TCL1A	209995_PM_s_at	1.70192	0.002929221
C15orf48	223484_PM_at	1.80866	0.002936106
BOLA1	219345_PM_at	-1.20313	0.002936256
EPHB6	204718_PM_at	1.26504	0.002939545
RBM3	208319_PM_s_at	1.2226	0.00294065
MMP11	203876_PM_s_at	-1.20641	0.002941533
SNX8	223241_PM_at	-1.2089	0.002946023
EVC2	229974_PM_at	1.20419	0.002953351

B3GNT5	225612_PM_s_at	1.40262	0.002956774
EBF1	227646_PM_at	1.53584	0.002957384
CHTF8	224732_PM_at	-1.34335	0.00295793
C12orf59	236646_PM_at	-2.38618	0.002958982
SPATS2	218324_PM_s_at	1.40706	0.002959201
TNFRSF1A	207643_PM_s_at	1.35762	0.002959338
ACLY	201127_PM_s_at	-1.39076	0.002963024
DCPS	218774_PM_at	-1.31406	0.002984412
LOC100287814	236986_PM_at	1.29508	0.002992326
MRPL32	225260_PM_s_at	-1.26729	0.002994854
APBA2	209870_PM_s_at	1.31346	0.002997538
ASPDH	230912_PM_at	-1.32401	0.002997801
SLC20A2	202744_PM_at	-1.43029	0.002998492
BECN1	208945_PM_s_at	-1.41931	0.00300004
DDB1	208619_PM_at	-1.20028	0.003001389
PEG3 /// ZIM2	209243_PM_s_at	-1.35376	0.00300346
C8orf44 /// SGK3	220038_PM_at	-1.27791	0.003003919
ZNF83	221645_PM_s_at	1.35668	0.003011748
LOC730101	213248_PM_at	-1.28845	0.003019598
MAN1A1	208116_PM_s_at	-1.3167	0.003020901
C3orf32	206741_PM_at	-1.20713	0.003020982
ANKRD13D	226205_PM_at	1.21418	0.003021158
BEND7	227341_PM_at	-1.41073	0.003021283
METRNL	219051_PM_x_at	-1.55024	0.003021783
C2CD4C	230819_PM_at	-1.21486	0.003022138
TMEM99	226565_PM_at	-1.41235	0.00302587
ARL5A	218150_PM_at	-1.2358	0.003030977
PDPK1	204524_PM_at	-1.29176	0.003031478
KCNJ12	207110_PM_at	-1.21356	0.003036279
ELP3	221094_PM_s_at	-1.26312	0.003037171
KCNA2	239118_PM_at	1.27694	0.003038226
GSTM1	204550_PM_x_at	-1.22569	0.003038633
KIF3B	203943_PM_at	-1.2496	0.003049318
TMED10	212352_PM_s_at	1.22869	0.003051144
C11orf73	219979_PM_s_at	1.26065	0.003051166
KIAA0895	213424_PM_at	-1.49304	0.003053014
SPAG1	210117_PM_at	1.33956	0.00305697
TAF15	202840_PM_at	1.59842	0.003057956
PCK1	208383_PM_s_at	-3.01213	0.003076354
SEMA3B	203070_PM_at	-1.26277	0.003078721
CLEC4F	1552410_PM_at	1.26454	0.003083592
TMEM150C	229623_PM_at	-1.25291	0.003084556
SASS6	231895_PM_at	1.21995	0.003088264
GABRB2	242344_PM_at	-1.53905	0.003091285
UPRT	226199_PM_at	-1.38309	0.003092365
C5orf13	201309_PM_x_at	-1.51037	0.003096508
ELF1	212418_PM_at	1.41799	0.003100033

C17orf44	230012_PM_at	1.34244	0.003100462
FCRL2	221239_PM_s_at	1.205	0.003102351
FAM45A /// FAM45B	222955_PM_s_at	-1.59838	0.003108869
HNRNPH1	201031_PM_s_at	1.39538	0.003109103
C18orf32	224957_PM_at	-1.32098	0.003109172
POLR1E	218997_PM_at	1.22893	0.003116832
CHI3L1	209395_PM_at	-1.59763	0.003118435
MRP63	204386_PM_s_at	-1.28911	0.00311876
BACH2	221234_PM_s_at	1.44891	0.003120051
GEMIN6	219539_PM_at	-1.30647	0.003121709
CSGALNACT2 /// LOC643000	222235_PM_s_at	1.51873	0.003124895
KLHDC9	227582_PM_at	-1.36459	0.003130281
KIAA1524	231855_PM_at	1.20871	0.003130364
TBC1D7	223461_PM_at	-1.35981	0.00313505
CRABP2	202575_PM_at	-1.26235	0.003136476
IFI6	204415_PM_at	2.02786	0.003140479
ERCC2	213468_PM_at	-1.21055	0.00314363
TCF19	223274_PM_at	1.3128	0.00315655
CAB39	217873_PM_at	-1.21028	0.00315824
PLEKHN1	224125_PM_at	-1.30614	0.00315854
LOC150759	213703_PM_at	1.93323	0.003163091
ARMC5	227738_PM_s_at	-1.30267	0.003163604
	6-Sep 212413_PM_at	1.43171	0.003175527
HSD3B2	206294_PM_at	-1.20371	0.003176178
MIA2	221177_PM_at	-1.49059	0.003182368
GORAB	226337_PM_at	1.36676	0.003187183
CHD8	212571_PM_at	1.29902	0.003190501
HSD17B11	217989_PM_at	-1.2239	0.003197061
PARP3	209940_PM_at	-1.20915	0.003201159
CGNL1	225817_PM_at	-1.37553	0.003202642
WASH1 /// WASH2P / WASH3	225035_PM_x_at	1.30605	0.003215349
NFKBIB	214062_PM_x_at	-1.21052	0.003217775
C9orf71	1553809_PM_a_at	-1.7784	0.003224682
USE1	219348_PM_at	-1.28294	0.003230371
CCL14 /// CCL14-CCL14	205392_PM_s_at	1.61791	0.003230372
SLC47A1	219525_PM_at	-2.04277	0.003231545
CHCHD5	223479_PM_s_at	-1.24122	0.003254216
GLCCI1	225700_PM_at	1.35717	0.0032598
LMAN2L	221274_PM_s_at	-1.20679	0.003262876
ATAD2	218782_PM_s_at	1.26933	0.003264216
LOC100294337	243589_PM_at	1.48997	0.003284575
EHD3	218935_PM_at	-1.41596	0.003284576
FCF1	215567_PM_at	1.25769	0.003288448
MEF2A	208328_PM_s_at	1.33333	0.003289036
GGT1	207131_PM_x_at	-1.90035	0.003289806
EHD4	209536_PM_s_at	1.24663	0.00328993
C9orf91	221865_PM_at	1.37108	0.003290161

C22orf32	225794_PM_s_at	-1.27541	0.003290311
ANKRD55	220112_PM_at	1.21399	0.003291267
PLSCR3	218828_PM_at	1.24584	0.00329447
NAP1L2	219368_PM_at	-1.60076	0.003295472
FXR2	203172_PM_at	-1.25092	0.003303481
RUNDC2C	214712_PM_at	1.24926	0.003304657
TNFSF14	207907_PM_at	1.29244	0.003305054
TTF2	204407_PM_at	1.32321	0.003305248
HSPG2	201654_PM_s_at	1.24634	0.003311804
GUSBL1 /// GUSBP3 /	206565_PM_x_at	1.40199	0.003316829
PSEN2	204261_PM_s_at	-1.21164	0.003319833
TG	203673_PM_at	-1.2555	0.003323327
DNMT1	201697_PM_s_at	1.41766	0.00332659
WDR13	222138_PM_s_at	-1.32512	0.003326604
IL18R1	206618_PM_at	1.3772	0.003333829
UTP14A	221514_PM_at	1.28451	0.00333451
CRK	202224_PM_at	-1.46939	0.003336378
NALCN	228608_PM_at	1.32559	0.003344403
CBFA2T3	208056_PM_s_at	1.38182	0.00334879
PPARG	208510_PM_s_at	-1.37026	0.003349183
SLC6A12	206058_PM_at	-1.5224	0.003349279
LOC439949	232001_PM_at	1.54358	0.003360033
TUBB	209026_PM_x_at	1.23294	0.003365463
PRR14	218714_PM_at	1.26044	0.003374377
PEMT	207621_PM_s_at	-1.4457	0.003378879
ASTN2	209693_PM_at	-1.26333	0.003383165
PGCP	203501_PM_at	-1.2594	0.003385145
LOC643008	229740_PM_at	-1.62529	0.003385747
OLFML2B	213125_PM_at	1.68839	0.003386978
USH1C	205137_PM_x_at	-2.00411	0.00338842
IL3RA	206148_PM_at	1.43199	0.003388745
APOA2	219465_PM_at	-1.29603	0.003391821
SPIN4	228654_PM_at	1.32611	0.003393248
CYP27B1	205676_PM_at	-2.64686	0.003393379
COL1A2	202403_PM_s_at	1.9053	0.003397016
MRPL1	223154_PM_at	-1.27125	0.003401159
ANKRD20A1 /// ANKR	1570255_PM_s_at	1.3287	0.003405312
ZBP1	208087_PM_s_at	1.24256	0.003405642
ZFAND3	218020_PM_s_at	-1.22654	0.003432914
ERCC5	202414_PM_at	1.23765	0.003434291
BMF	226530_PM_at	1.33741	0.003435402
TMEM87A	212202_PM_s_at	1.31288	0.00343604
NID1	202007_PM_at	-1.38332	0.003456559
CACNA2D3	219714_PM_s_at	1.37471	0.0034599
LOC284900	244189_PM_at	1.21342	0.003475409
MT1M	217546_PM_at	1.76054	0.003475971
UMPS	202706_PM_s_at	-1.4038	0.003480324

TRIM63	236972_PM_at	-1.93231	0.003482173
CNOT6L	226153_PM_s_at	1.31534	0.00348552
PCDHB15	231789_PM_at	1.32083	0.003501877
C15orf61	229742_PM_at	-1.52871	0.003502881
LPXN	216250_PM_s_at	1.36061	0.00350467
CCL21	204606_PM_at	2.02087	0.003509636
PEX12	205094_PM_at	-1.4532	0.003510122
KTELC1	218587_PM_s_at	1.32801	0.003510254
GPC2	239422_PM_at	-1.24735	0.00351136
FANCG	203564_PM_at	1.38634	0.003516123
ENPEP	204844_PM_at	-2.0864	0.003516465
CDC34	212540_PM_at	-1.31555	0.00352835
MUM1L1	229160_PM_at	-1.47519	0.003550972
IFIT5	203595_PM_s_at	1.28735	0.003557464
ZDHHC20	225365_PM_at	1.28534	0.003558005
LOC100131434	1556026_PM_at	1.28148	0.003559591
DNPEP	201937_PM_s_at	-1.2608	0.003560476
RAB39B	230075_PM_at	1.23901	0.003562279
JOSD1	201751_PM_at	1.22409	0.003564726
COL6A3	201438_PM_at	1.77253	0.003577118
ANKRD13A	224810_PM_s_at	1.28479	0.00357866
ZNF784	228364_PM_at	-1.25751	0.003582773
GDE1	202593_PM_s_at	-1.3279	0.003601394
CYB5B	201633_PM_s_at	-1.27221	0.003607246
TCOF1	202384_PM_s_at	1.25864	0.003613374
PAPD5	226843_PM_s_at	-1.2997	0.00361408
PLK3	204958_PM_at	1.21324	0.003616798
MED29	225708_PM_at	-1.22576	0.003620828
LNP1	227181_PM_at	-1.32983	0.003631566
KCNAB2	203402_PM_at	-1.27433	0.003632261
SC65	204078_PM_at	1.26773	0.003632638
SLC26A4	206529_PM_x_at	-1.6773	0.003632789
HK1	200697_PM_at	1.35402	0.003633188
KAT5	206689_PM_x_at	-1.26983	0.003636773
RASAL1	219752_PM_at	1.2529	0.003654216
LOC727927 /// PDE4C	214129_PM_at	-1.30411	0.003659291
GJB3	205490_PM_x_at	1.22188	0.003661082
PI4KB	206138_PM_s_at	-1.36017	0.003662052
MANF	202655_PM_at	1.32459	0.003668783
KLK7	205778_PM_at	-1.42631	0.003676527
ITGA3	201474_PM_s_at	1.43568	0.003677653
LOC100128751	232623_PM_at	1.38249	0.003687123
TMEM115	216267_PM_s_at	-1.24596	0.00370457
LOXL1	203570_PM_at	1.52383	0.003705241
GNLY	205495_PM_s_at	1.76458	0.003706599
DLEU2 /// DLEU2L	215629_PM_s_at	1.44418	0.003707103
MUDENG	218139_PM_s_at	-1.46659	0.003711584

CCDC113	222890_PM_at	1.36364	0.003712164
ATP5S	206992_PM_s_at	-1.23864	0.003712611
SHKBP1	224846_PM_at	1.21887	0.003720032
IER2	202081_PM_at	1.28424	0.003728546
MRPL10	224671_PM_at	-1.21062	0.003738941
RNF43	218704_PM_at	-1.26578	0.003742607
ERF	203643_PM_at	-1.24466	0.003766225
LOC100287039	244080_PM_at	-1.22456	0.003769165
OXTR	206825_PM_at	1.30149	0.003770352
HTR6	206944_PM_at	-1.22218	0.003770748
SERTAD4	229674_PM_at	1.43855	0.003771243
NEK6	223158_PM_s_at	-1.42651	0.003773055
PFKFB4	228499_PM_at	1.20587	0.003773435
ABCB1	209993_PM_at	-1.56562	0.003773813
ADORA3	206171_PM_at	1.47548	0.003775131
FBXO8	223240_PM_at	-1.35168	0.003781771
CHSY3	242100_PM_at	1.23852	0.003783634
MED21	209362_PM_at	-1.44127	0.003783656
ZFP36L1	211962_PM_s_at	1.35671	0.003784151
LOC100130232	239860_PM_at	-2.1402	0.003792647
FILIP1L	204135_PM_at	1.57859	0.003792832
FAM13AOS	1558711_PM_at	1.38771	0.003798095
NOLC1	205895_PM_s_at	-1.28971	0.003804522
RGL2	209110_PM_s_at	1.35727	0.003809669
ZBED3	228402_PM_at	-1.25395	0.003810404
RND3	212724_PM_at	1.58148	0.003814777
GJC1	228563_PM_at	1.37178	0.003825889
SGOL2	230165_PM_at	1.32077	0.003842727
CLDN10	205328_PM_at	-1.48217	0.003843308
SLC44A2	224609_PM_at	1.22793	0.003843902
TMEM2	218113_PM_at	1.41893	0.003850188
LOC100289294	1557121_PM_s_at	1.21971	0.003856285
KATNA1	205526_PM_s_at	-1.22274	0.003857013
GPN3	218461_PM_at	-1.23552	0.003857393
ATL3	223452_PM_s_at	1.22431	0.003857435
RABL5	218785_PM_s_at	-1.27067	0.003857818
NR5A2	210174_PM_at	1.26283	0.003859035
JMJD7-PLA2G4B /// P	219095_PM_at	1.24974	0.003866574
PPP1R14B	212680_PM_x_at	1.26323	0.003870518
LOC100290714 /// M	217499_PM_x_at	-1.33863	0.003871616
CCDC90B	218288_PM_s_at	1.35004	0.003871844
SPAG16	219109_PM_at	-1.20949	0.003880231
C2orf81	236070_PM_at	1.22757	0.003882819
DDX19A /// DDX19B	202576_PM_s_at	-1.21716	0.003882891
FNIP1 /// RAPGEF6	219112_PM_at	1.46583	0.003895923
FIP1L1	221007_PM_s_at	1.27788	0.003899765
C22orf34	235839_PM_at	-1.22993	0.003899859

CLDN12	223249_PM_at	-1.33127	0.003900446
HSPA4	208814_PM_at	-1.36995	0.003910005
ZNF16	219548_PM_at	-1.23028	0.00391147
C1orf56	221222_PM_s_at	-1.25639	0.003915199
FLT1	204406_PM_at	-1.27067	0.003922506
WNT8B	207612_PM_at	-1.25356	0.003923072
BZW2	217809_PM_at	1.26377	0.003927819
TRPV1	219632_PM_s_at	-1.31863	0.003942273
LOC441453	217551_PM_at	-1.4542	0.003942543
MAP2	225540_PM_at	1.50697	0.00394305
PTPN3	203997_PM_at	-1.40215	0.003943236
PBX1	205253_PM_at	-1.36724	0.003943581
UBE3C	201817_PM_at	-1.23648	0.00394368
BMPR1B	210523_PM_at	-1.69013	0.0039445
LEPREL1	218717_PM_s_at	-1.20927	0.003946057
CHURC1	223210_PM_at	1.23895	0.003953716
LSM7	204559_PM_s_at	1.22544	0.00395508
IKZF3	221092_PM_at	1.24898	0.003964858
MRVI1	224550_PM_s_at	1.38359	0.003973291
WASF2	221725_PM_at	1.29851	0.003973664
EIF5A	201122_PM_x_at	-1.26186	0.003979478
ITGB8	205816_PM_at	1.36179	0.003982429
HAUS6	222685_PM_at	1.22743	0.003988371
CCDC142 /// MRPL53	225523_PM_at	-1.24223	0.004002791
ANK3	206385_PM_s_at	-1.38534	0.004017165
TP53TG5	207482_PM_at	-1.20175	0.004020482
BTBD12	232147_PM_at	1.22134	0.004023466
RASL10B	235488_PM_at	-1.22994	0.004025108
DERL3	228897_PM_at	1.40026	0.004027091
CLDN16	220332_PM_at	-2.16787	0.004038014
C9orf7	219223_PM_at	-1.2853	0.004039583
TSHZ1	223282_PM_at	-1.28596	0.004039877
EIF3C	236700_PM_at	1.28791	0.004039896
ZNF652	205594_PM_at	1.34057	0.004040012
ABI3BP	220518_PM_at	1.38322	0.004043372
HACE1	227471_PM_at	-1.41017	0.004047433
PEX6	204545_PM_at	-1.27219	0.004053138
P4HB	200656_PM_s_at	-1.62538	0.004062932
LOC646214	236283_PM_x_at	1.205	0.004070448
SURF2	205224_PM_at	-1.24952	0.004070786
HIST1H2BC	214455_PM_at	-1.21052	0.004081508
PRMT10	228536_PM_at	-1.36753	0.004095037
RRP8	203171_PM_s_at	-1.21941	0.004100091
C5orf30	221823_PM_at	-1.22076	0.004102382
TMEM27	223784_PM_at	-2.0426	0.004103765
CACHD1	225627_PM_s_at	-1.42721	0.004111339
C5orf32	224707_PM_at	-1.30836	0.004116346

MOBK1A	225997_PM_at	-1.29334	0.004122438
POLD4	202996_PM_at	-1.27769	0.004133087
CLCF1	219500_PM_at	1.25263	0.004133459
STRAP	1558002_PM_at	1.41326	0.00413756
PKNOX1	204195_PM_s_at	1.22161	0.004138913
C16orf89	229177_PM_at	-1.75667	0.004139732
MYBPH	206304_PM_at	-1.20556	0.004142276
LOC729580	221953_PM_s_at	-1.37384	0.004150748
ELF2	203822_PM_s_at	1.22469	0.004158494
SH3BGR2	225354_PM_s_at	-1.33559	0.004161248
CLDN2	223509_PM_at	-2.16243	0.004168545
CD93	202877_PM_s_at	1.37534	0.004178711
MAST3	213045_PM_at	-1.29229	0.004179952
LRRC8D	218684_PM_at	-1.24804	0.004180561
SLC16A4	205234_PM_at	-1.55063	0.004189275
HTR2B	206638_PM_at	1.86525	0.004195505
GALNT11	219013_PM_at	-1.35811	0.00419622
GLTPD1	220734_PM_s_at	-1.23642	0.004208004
MEGF6	213942_PM_at	1.29398	0.004214239
MGC70870	242136_PM_x_at	1.26944	0.004215837
RHOV	241990_PM_at	-1.20279	0.004216396
MCM5	201755_PM_at	1.32381	0.004218037
BMP2	205289_PM_at	1.28496	0.004222591
C11orf93	228338_PM_at	-1.28322	0.004224975
IPO13	203546_PM_at	-1.41445	0.004233662
SLC18A2	205857_PM_at	1.2205	0.004243768
C11orf70	224463_PM_s_at	1.32504	0.004258492
CHCHD10	224932_PM_at	-1.36869	0.004264621
LPL	203548_PM_s_at	-1.79426	0.004264786
LOC100287401	1569104_PM_a_at	1.28494	0.004265874
ACSL3	201660_PM_at	-1.29014	0.00427105
AFMID	240318_PM_at	-1.3316	0.004271646
AKAP13	208325_PM_s_at	1.32842	0.00427565
MYADM	224920_PM_x_at	1.46699	0.004287672
NMRAL1	223206_PM_s_at	-1.22727	0.004294527
MSH6	202911_PM_at	-1.48716	0.004296908
SEMA6A	215028_PM_at	1.42185	0.004297512
CD302	203799_PM_at	1.46041	0.004297542
ZNF787	213402_PM_at	-1.2636	0.004298769
ARRB2	203388_PM_at	1.21271	0.004301147
POGK	222564_PM_at	1.22583	0.004307308
GOLGA8A	208798_PM_x_at	1.59826	0.004308054
MIR17HG	232291_PM_at	1.30264	0.004310521
THAP9	230185_PM_at	-1.36835	0.004311336
ABCB7	209620_PM_s_at	-1.24738	0.004314058
PIK3AP1	226459_PM_at	1.25653	0.00431837
CHCHD1	226896_PM_at	-1.22858	0.004318987

NGLY1	207492_PM_at	1.24268	0.004319507
GRIN2A	231384_PM_at	1.36971	0.004321358
DKK3	202196_PM_s_at	1.43989	0.004325891
TACC2	202289_PM_s_at	-1.21266	0.004334421
LRRC68	229262_PM_at	-1.26605	0.004334572
RLIM	222815_PM_at	1.20941	0.004336264
LOC10431 /// TIMM2	218119_PM_at	-1.52309	0.004340876
ARL15	219842_PM_at	-1.34542	0.004344277
IRF5	205469_PM_s_at	1.21289	0.004344778
GNG11	204115_PM_at	1.31884	0.004344795
SLC3A1	205799_PM_s_at	-1.71465	0.004345002
SERAC1	232183_PM_at	-1.20004	0.004345265
SMARCE1	211988_PM_at	1.25368	0.004345281
ZNF708	239482_PM_x_at	1.35847	0.004359581
CADPS2	219572_PM_at	-1.33794	0.004360979
PDRG1	225075_PM_at	-1.22166	0.004363466
EIF6	210213_PM_s_at	-1.26231	0.00436797
ETS2	201328_PM_at	1.2714	0.004369373
PTAR1	226110_PM_at	-1.43839	0.004369883
TLE4	204872_PM_at	1.24498	0.004371822
FAM174A	226752_PM_at	-1.31675	0.004380434
CAPN8	229030_PM_at	1.48151	0.004388187
CGRRF1	204605_PM_at	-1.34236	0.004396725
CLECL1	244413_PM_at	1.31755	0.004399276
FGG	219612_PM_s_at	2.0642	0.004400937
SCAMP1	206667_PM_s_at	-1.50439	0.004402447
RAD51AP1	204146_PM_at	1.31435	0.0044127
PRDX4	201923_PM_at	1.25011	0.00441318
MRPL13	218049_PM_s_at	-1.2548	0.004413352
IRAK4	219618_PM_at	1.25267	0.004413681
CD8B	207979_PM_s_at	1.39743	0.004413971
SLC38A11	243231_PM_at	-1.57804	0.004437666
LLGL1	206123_PM_at	-1.21581	0.004439448
MYPOP	227937_PM_at	-1.21311	0.004440573
CSNK2A1	206075_PM_s_at	-1.33791	0.004440659
OVOS /// OVOS2	228245_PM_s_at	1.54763	0.004445639
IPCEF1	214735_PM_at	1.48105	0.004446296
GRB7	210761_PM_s_at	-1.43805	0.00445662
DAZAP2	200794_PM_x_at	-1.63006	0.004459911
ZNF593	204175_PM_at	-1.30058	0.004465347
LOC654433	227474_PM_at	1.33102	0.00447363
RBCK1	207713_PM_s_at	1.20403	0.004493039
PGM5	208491_PM_s_at	1.20086	0.004498581
CADM4	214267_PM_s_at	-1.23394	0.004498614
CLIC1	208659_PM_at	1.29057	0.004500386
SPIRE1	224995_PM_at	-1.33023	0.004508704
GALNTL4	233188_PM_at	-1.20959	0.004509478

GPAT2	235557_PM_at	1.29614	0.004518753
AAK1	205434_PM_s_at	1.20714	0.004522618
MSI2	225233_PM_at	-1.38472	0.004531604
EVX1	207914_PM_x_at	-1.25852	0.004535655
LOC440957	223899_PM_at	-1.23599	0.004538598
RNF128	219263_PM_at	-1.65993	0.004552062
BRI3BP	231810_PM_at	-1.428	0.004573165
TMEM119	227300_PM_at	1.4288	0.004577735
MTMR11	205076_PM_s_at	-1.36705	0.004585127
NSMAF	203269_PM_at	1.26034	0.004585368
CTDSPL	201904_PM_s_at	-1.38566	0.004595615
BARD1	205345_PM_at	1.28253	0.004596198
POLR2L	202586_PM_at	-1.20003	0.004596532
SEC23A	204344_PM_s_at	-1.32726	0.004601141
NEURL2	230283_PM_at	-1.25832	0.004601557
MTO1	218716_PM_x_at	-1.4084	0.004601655
SSNA1	210378_PM_s_at	-1.219	0.004602494
CD68	203507_PM_at	1.24116	0.004605766
SLC39A7	202667_PM_s_at	-1.47091	0.0046111
ITPR1	203710_PM_at	-1.62551	0.004615355
TDRD9	228285_PM_at	-1.39895	0.004641979
PCDH20	232054_PM_at	1.42782	0.004647161
C13orf34	219544_PM_at	1.36209	0.004647717
AHSA1	201491_PM_at	-1.27292	0.004655722
DET1	219641_PM_at	-1.24912	0.004659997
MRPS30	218398_PM_at	-1.3568	0.004662385
DEK	200934_PM_at	1.21378	0.004673306
JMJD8	224886_PM_at	-1.2167	0.004678024
ZNF717	229986_PM_at	-1.32961	0.004679495
CEACAM1	206576_PM_s_at	-1.40234	0.004682716
LOC653562 /// SLC6A	215812_PM_s_at	-1.53626	0.004691471
C20orf103	219463_PM_at	1.34576	0.004708839
CNR1	213436_PM_at	1.32248	0.00470958
KIAA0649	203955_PM_at	-1.25848	0.004709882
COX10	203858_PM_s_at	-1.282	0.004710176
LOC729806	217544_PM_at	1.22971	0.004711031
THAP10	219596_PM_at	-1.28055	0.004711737
MAGEH1	218573_PM_at	-1.26795	0.004713422
DCTN6	203261_PM_at	-1.22796	0.004713695
LOC255512	1555865_PM_at	-1.30874	0.00471935
CLK2	203229_PM_s_at	1.26295	0.004723421
TOP2A	201291_PM_s_at	1.53257	0.004724376
NMT2	205005_PM_s_at	1.28358	0.004728577
GRAMD4	212856_PM_at	1.23836	0.004732069
LIPC	206606_PM_at	-1.60207	0.004732179
CHMP4B	225119_PM_at	-1.49918	0.00473748
FAM3A	209405_PM_s_at	-1.23329	0.004739346

ELTD1	219134_PM_at	1.55395	0.004743791
ADORA2A /// CYTSA	205013_PM_s_at	1.40231	0.004753236
ATRN	211852_PM_s_at	-1.23356	0.004758027
HOXA1	214639_PM_s_at	1.29245	0.004770202
SNORD89	235536_PM_at	1.27188	0.004783077
USP34	207365_PM_x_at	1.39691	0.004787351
LOC100129488	244723_PM_at	-2.03305	0.004796805
MTP18	223172_PM_s_at	-1.34705	0.004797896
ATP1B1	201242_PM_s_at	-1.42591	0.004805316
LOC93622	225391_PM_at	-1.28321	0.004807168
SON	201085_PM_s_at	1.21495	0.004807985
C2orf70	231126_PM_at	1.20483	0.004812916
CPSF1	201638_PM_s_at	1.22844	0.004826239
MIR21 /// TMEM49	220990_PM_s_at	1.26957	0.004829265
SF3A2	37462_PM_i_at	1.50631	0.004839818
RBMS3	206767_PM_at	1.34469	0.004843821
PPP2R4	206452_PM_x_at	-1.24698	0.00484507
CBX4	206724_PM_at	1.22097	0.004847934
FLJ16779	239509_PM_at	1.51191	0.004851846
CMTM6	217947_PM_at	1.24317	0.004852254
NINJ1	203045_PM_at	-1.37803	0.004853039
TRPV2	219282_PM_s_at	1.38931	0.004854728
HEBP1	218450_PM_at	-1.22512	0.00487016
RALGDS	209050_PM_s_at	1.32883	0.004880324
TMEM183A /// TMEM	212165_PM_at	-1.20709	0.004900616
CGB /// CGB5	205387_PM_s_at	-1.2134	0.004901575
SNRNP200	200058_PM_s_at	1.25312	0.004906484
ATP12A	207367_PM_at	-1.35599	0.004913147
ECM2	206101_PM_at	-1.2146	0.004913778
CYB5R3	1554574_PM_a_at	-1.47335	0.004921397
GDA	224209_PM_s_at	-1.8939	0.004921526
TNFRSF10A	231775_PM_at	1.3403	0.004926289
FAM158A	219203_PM_at	-1.27	0.004931439
ARHGAP1	202117_PM_at	1.23637	0.004932556
FBXW5	223050_PM_s_at	-1.31622	0.004933452
SLC35E3	218988_PM_at	-1.25331	0.004963084
ADAMTS7	220705_PM_s_at	-1.20127	0.004965424
WDR52	221103_PM_s_at	1.21436	0.004969265
SLC25A6	212085_PM_at	-1.25933	0.004971225
UHRF2	225610_PM_at	1.25955	0.004973229
LOC100271836 /// LO	244766_PM_at	1.4846	0.004974118
PRUNE	209586_PM_s_at	-1.30195	0.004985801
ICOS	210439_PM_at	1.50992	0.00498965
OCIAD2	225314_PM_at	-1.33843	0.004989822
LOC729852	226596_PM_x_at	-1.24248	0.004994869
MAFB	218559_PM_s_at	1.49929	0.005002976
RABGAP1L	203020_PM_at	1.33788	0.005009473

ZNF224	216983_PM_s_at	1.26226	0.005012614
HIST1H2BE	208527_PM_x_at	-1.25484	0.005012908
NPHS2	220424_PM_at	-2.60891	0.005023587
RRM2	209773_PM_s_at	1.68	0.005023718
PTPN18	203555_PM_at	1.21808	0.005024477
DBNDD2 /// SYS1 ///	218094_PM_s_at	1.37161	0.005024893
SH2D1A	211209_PM_x_at	1.45847	0.005040391
CLEC1A	219761_PM_at	1.30733	0.005040878
RBBP6	205178_PM_s_at	1.31526	0.005042132
PRICKLE1	226065_PM_at	1.32175	0.005059936
HMG5	221606_PM_s_at	-1.47553	0.005070087
LASS4	218922_PM_s_at	-1.40308	0.005073788
DNAJB6	209015_PM_s_at	-1.26222	0.005074594
TEP1	205727_PM_at	1.21386	0.005080036
RGS16	209324_PM_s_at	1.37603	0.005089568
CHP	207993_PM_s_at	-1.32493	0.005090605
EIF5	208290_PM_s_at	-1.20472	0.005119502
APTX	218527_PM_at	-1.26078	0.005135611
RNF149	225414_PM_at	1.28064	0.005157213
PFN2	204992_PM_s_at	-1.32761	0.005158323
LRWD1	225680_PM_at	-1.22055	0.005170076
FCHSD1	226698_PM_at	1.24688	0.005183077
STT3B	224700_PM_at	1.22214	0.005185511
TSPO	202096_PM_s_at	1.31546	0.00519998
LACTB2	218701_PM_at	-1.42907	0.005217464
UBL3	201534_PM_s_at	-1.22823	0.005231526
CXCR3	207681_PM_at	1.21338	0.005236377
C17orf61	227063_PM_at	-1.38225	0.005242313
TRAPPC2L	218354_PM_at	-1.2426	0.005242773
ZNF292	212366_PM_at	1.34239	0.00524313
DUSP6	208891_PM_at	1.34378	0.005243619
NAP1L5	228062_PM_at	-1.39347	0.005250585
FAM83G	228587_PM_at	-1.21344	0.005253173
B3GNT2	219326_PM_s_at	-1.34881	0.005294652
ATPBD4	238662_PM_at	-1.2369	0.005298451
FAM43A	227410_PM_at	1.23306	0.005309824
RUNX1T1	205528_PM_s_at	1.30244	0.005321805
LOC283663	230245_PM_s_at	1.46999	0.005322711
MT1G	204745_PM_x_at	-1.51645	0.005330573
UBE2I	208760_PM_at	1.29751	0.0053377
C9orf86	219828_PM_at	-1.24814	0.005362142
GYLTL1B	227829_PM_at	-1.25796	0.005363027
MDM4	225740_PM_x_at	1.25726	0.005363959
S100A2	204268_PM_at	1.87831	0.005364904
C9orf46	218992_PM_at	-1.22758	0.005380315
MMRN2	219091_PM_s_at	1.36716	0.005381039
FAM89B	212484_PM_at	1.26564	0.005381448

KIAA2018	227433_PM_at	-1.22935	0.005382122
ZNRF2	226261_PM_at	-1.24812	0.005405103
ADK	204119_PM_s_at	-1.47984	0.005407556
LOC100129196	1557558_PM_s_at	1.35266	0.005407937
CCL14-CCL15 /// CCL1	210390_PM_s_at	-1.95076	0.005409454
FCGR2C	210992_PM_x_at	1.66988	0.00541415
HP /// HPR	208470_PM_s_at	1.63769	0.005420783
LOC100129361	221847_PM_at	-1.2178	0.005425807
ERBB3	202454_PM_s_at	-1.27606	0.005431221
SOCS7	226572_PM_at	-1.21885	0.005455913
C14orf128	228889_PM_at	-1.25831	0.005456742
C1orf122	225480_PM_at	-1.22348	0.005456823
MYO15B	219173_PM_at	-1.30892	0.005457791
NCBP2	201517_PM_at	-1.20153	0.005459781
LGALS4	204272_PM_at	-1.25971	0.005463231
BOLA2 /// BOLA2B	209836_PM_x_at	1.26158	0.005489551
ACSM2A /// ACSM2B	214069_PM_at	-2.38609	0.005496847
CYP24A1	206504_PM_at	-1.92343	0.005503579
ZNF358	219379_PM_x_at	-1.24688	0.005503701
ALMS1	214220_PM_s_at	1.26642	0.005507432
CWF19L2	228916_PM_at	1.2491	0.005509313
C17orf60	217513_PM_at	1.23599	0.005555971
OXA1L	208717_PM_at	-1.26477	0.005557909
MFSD10	209215_PM_at	1.24042	0.005562762
AGT	202834_PM_at	-2.16395	0.005568302
C6orf130	213322_PM_at	-1.29175	0.005580505
GPR109B	205220_PM_at	1.35793	0.005593718
BACE1	217904_PM_s_at	-1.2329	0.005594634
SFTA2	244056_PM_at	1.45141	0.005596847
AGRN	212285_PM_s_at	1.34311	0.005606579
OSGIN1	219475_PM_at	-1.32818	0.005613059
UEVLD	220775_PM_s_at	-1.40771	0.005613158
ABHD12	224742_PM_at	-1.37714	0.005613981
DYNC1L1	217976_PM_s_at	-1.23043	0.005618483
ARG2	203945_PM_at	-1.66861	0.00562016
TTC32	226838_PM_at	-1.33128	0.005620885
PHLDA1	217996_PM_at	-1.3923	0.005644086
RNF170	220985_PM_s_at	-1.23045	0.005644409
GRK6	202848_PM_s_at	1.2749	0.005645323
RCAN2	203498_PM_at	-1.49799	0.005649298
HSPA1A /// HSPA1B	200800_PM_s_at	-1.34397	0.005649589
PLVAP	221529_PM_s_at	1.46383	0.005650658
HLA-DRA	208894_PM_at	1.66333	0.005652581
NPFF	214184_PM_at	1.28316	0.005660658
KHNYN	212355_PM_at	1.31149	0.00566616
PIGR	204213_PM_at	1.53319	0.005695541
ACTR3C	223874_PM_at	-1.37965	0.005707475

PYGL	202990_PM_at	1.32959	0.005713177
ACADVL	200710_PM_at	-1.22442	0.005721934
ACVR1	203935_PM_at	-1.26095	0.005722973
NTNG1	206713_PM_at	-1.25105	0.005726519
TGOLN2	203833_PM_s_at	-1.37567	0.00575646
FREM1	228233_PM_at	-1.44563	0.005757879
PRKAB2	214474_PM_at	-1.35138	0.005762372
AGPAT2	210678_PM_s_at	-1.22005	0.005772713
IFT57	218100_PM_s_at	-1.62865	0.005791291
KLHL14	228377_PM_at	1.21379	0.005792971
HBB	209116_PM_x_at	-1.82684	0.005812871
FAM175B	212835_PM_at	-1.22923	0.005813349
HAUS3	210054_PM_at	1.25233	0.005815525
PPP2R2A	202313_PM_at	-1.20114	0.005834219
N4BP2	228242_PM_at	1.25879	0.005834475
LOC440297 /// LOC44	244498_PM_x_at	1.22591	0.005838982
TSHZ3	223392_PM_s_at	1.33735	0.005840387
ADHFE1	227113_PM_at	-1.27089	0.005863728
KIAA0141	201977_PM_s_at	-1.26361	0.005868231
EXTL2	209537_PM_at	-1.24474	0.005891817
MAP3K14	205192_PM_at	1.25247	0.005893125
MBD3	202463_PM_s_at	-1.25926	0.005894305
PICALM	203134_PM_at	-1.62019	0.005911152
GOLGA3	202106_PM_at	1.20529	0.005918466
FAM3C	201889_PM_at	1.27493	0.005923061
GNA13	224761_PM_at	1.26659	0.005933647
NCRNA00158	231303_PM_at	1.20518	0.005936424
LOC100132741	1556402_PM_at	1.37267	0.005940774
RBM26	218422_PM_s_at	1.29707	0.005945898
FCRL1	235982_PM_at	1.53483	0.005950165
SPATA7	219583_PM_s_at	-1.27046	0.00595103
SNORA28	241843_PM_at	1.24159	0.005958983
C2CD4B	229727_PM_x_at	-1.25185	0.00597112
SH3RF1	225589_PM_at	-1.27919	0.005991525
CXCL14	218002_PM_s_at	-1.33974	0.005994014
EFHC2	220591_PM_s_at	1.41153	0.005998414
CXorf50B	242292_PM_at	1.36705	0.00600219
KIAA1919	232139_PM_s_at	-1.26248	0.006002376
LOC728743	225907_PM_at	1.2046	0.0060111
DENND5A	212561_PM_at	1.24074	0.006016961
C1D	200056_PM_s_at	-1.21676	0.006019219
LOC338758	238893_PM_at	1.33478	0.006032008
HNRNPL	202072_PM_at	1.28204	0.006032852
INTS3	202809_PM_s_at	1.22119	0.006035248
GCET2	235310_PM_at	1.2743	0.006037758
MORC3	213000_PM_at	1.26836	0.006040595
C15orf57	225397_PM_at	1.25543	0.006054718

EIF4G3	201935_PM_s_at	1.21273	0.00605558
CHFR	218803_PM_at	1.24891	0.006058748
WRB	202749_PM_at	-1.29207	0.006067119
SSTR2	214597_PM_at	-1.21113	0.006073785
SPSB1	219677_PM_at	1.24143	0.006076817
SBK1	226548_PM_at	1.27602	0.006080884
GATC	214711_PM_at	-1.26522	0.006090525
CANX	200068_PM_s_at	-1.36181	0.006091095
TDG	203742_PM_s_at	1.3093	0.006093768
CCDC65	1552321_PM_a_at	1.20825	0.006093821
TMPRSS3	220177_PM_s_at	1.27025	0.006093848
GMPR	204187_PM_at	-1.33187	0.006096778
ARL2	202564_PM_x_at	-1.26598	0.00609724
FDX1L	226451_PM_at	-1.24608	0.006098288
TTC1	201434_PM_at	-1.25118	0.006118235
ARMC6	221758_PM_at	-1.22295	0.006123139
MYO5A	204527_PM_at	1.34806	0.006124167
FARSB /// TRIM61	232063_PM_x_at	1.31983	0.006125135
SNX19	202358_PM_s_at	-1.29613	0.006128792
MTRR	203199_PM_s_at	-1.24942	0.006129298
ITPKB	203723_PM_at	1.2505	0.006137155
SLC38A5	234973_PM_at	1.21895	0.006137788
EBI3	219424_PM_at	1.26518	0.006145729
EID2	225936_PM_at	-1.23817	0.006162127
KRT81	213711_PM_at	-1.2141	0.006202557
RHOBTB1	212651_PM_at	-1.5333	0.006209765
RDH5	210106_PM_at	-1.29458	0.006213915
HMG20B	209113_PM_s_at	-1.32349	0.006218933
COL23A1	229168_PM_at	1.22877	0.006221569
KIF20A	218755_PM_at	1.26368	0.006235056
ZNF91	206059_PM_at	-1.20169	0.006235622
TOX3	214774_PM_x_at	-1.67645	0.006236619
TAF1B	214690_PM_at	-1.23076	0.006236832
TCF3	209152_PM_s_at	1.24442	0.006240262
C9orf72	225919_PM_s_at	1.24336	0.006259153
MEGF11	1552439_PM_s_at	1.30887	0.006267519
CLINT1	201768_PM_s_at	-1.32562	0.006269247
NCRNA00203	234594_PM_at	1.23252	0.006296456
FAM176A	227828_PM_s_at	-1.58938	0.006298263
CENPF	207828_PM_s_at	1.25774	0.006298435
NAT8	210289_PM_at	-2.41921	0.006299346
CD163	216233_PM_at	1.4499	0.006307453
SLC2A10	221024_PM_s_at	1.45605	0.006321668
SLC20A1	201920_PM_at	1.26435	0.00632242
PDZK1	205380_PM_at	-1.75273	0.006322504
PTH1R	205911_PM_at	-1.82051	0.00632368
ASA2 /// ASA2B ///	229793_PM_at	-1.246	0.006345449

PASK	206594_PM_at	1.49102	0.006362983
SH3BGR	204979_PM_s_at	-1.7052	0.006363742
PREPL	212216_PM_at	-1.44645	0.006372239
SOX6	223865_PM_at	-1.45836	0.006376054
GPR132	223887_PM_at	1.21426	0.006376868
MRPS14	203800_PM_s_at	-1.239	0.006376883
TMEM161B	227861_PM_at	1.27311	0.006378366
SCGB1D2	206799_PM_at	-1.89863	0.006390007
LARP6	218651_PM_s_at	-1.4269	0.006407244
METTL7A	207761_PM_s_at	-1.4725	0.006409921
MAN1C1	214180_PM_at	-1.33773	0.006418979
CACNB4	207693_PM_at	-1.20938	0.006422436
C6orf105	215100_PM_at	-1.39035	0.006439359
WNK3	232282_PM_at	-1.24845	0.006444505
TSPAN12	219274_PM_at	-1.57844	0.006446686
CLN8	219340_PM_s_at	-1.24139	0.006456979
ATF7	228829_PM_at	-1.30404	0.006472333
EIF2AK3	218696_PM_at	1.32793	0.006482958
UBE2E2	225651_PM_at	-1.24389	0.006500619
ST5	202440_PM_s_at	1.37985	0.006501004
MRGPRF	227727_PM_at	-1.3122	0.006501681
MED8	213126_PM_at	-1.22566	0.006510457
SUN1	206487_PM_at	1.40418	0.006513355
COPS5	201652_PM_at	-1.25706	0.006514763
KIAA1199	212942_PM_s_at	1.49006	0.006514961
IL17RD	227997_PM_at	-1.24127	0.006515762
TNF	207113_PM_s_at	1.34046	0.006556208
KRT222	243998_PM_at	1.22593	0.006559748
TMEM41B	212622_PM_at	-1.26731	0.006581043
DGCR6 /// DGCR6L	208024_PM_s_at	-1.28972	0.006585321
HOXC10	218959_PM_at	-1.38673	0.006601916
LOC100287896	1554609_PM_at	-1.34524	0.006601921
ARL2BP	202091_PM_at	-1.21232	0.006603188
EFHD1	209343_PM_at	-1.58117	0.00660647
EIF1AX	201016_PM_at	-1.23297	0.006610471
PAPPA	201981_PM_at	1.58391	0.006615369
NFU1	218946_PM_at	-1.20628	0.006615675
PMCH	206942_PM_s_at	1.5228	0.006616267
ZNF320	229614_PM_at	1.29172	0.006617273
TUBB2B	214023_PM_x_at	-1.33738	0.006632696
MCOLN2	230110_PM_at	1.24792	0.00663375
HOXD4 /// MIR10B	205522_PM_at	-1.31807	0.006641412
CAV1	203065_PM_s_at	1.59109	0.00664631
C17orf68	219435_PM_at	1.24319	0.006649384
ERG	211626_PM_x_at	1.28389	0.006649788
FABP5	202345_PM_s_at	1.69108	0.006651282
SNIP1	219409_PM_at	-1.23016	0.006660563

CA12	203963_PM_at	-1.80393	0.006661037
HINT1	1555960_PM_at	1.51068	0.00666118
JAKMIP1	238600_PM_at	1.29354	0.006661292
LMBR1	222505_PM_at	-1.23746	0.006665703
STIM2	225246_PM_at	1.2946	0.006669353
FHDC1	226599_PM_at	1.2274	0.006679607
P2RX4	204088_PM_at	-1.43777	0.006681112
METTL4	219698_PM_s_at	1.22604	0.006701516
JAZF1	225798_PM_at	1.25804	0.00670465
SIGLEC10 /// SIGLEC1	1552806_PM_a_at	1.33307	0.006731453
SUSD1	226264_PM_at	1.28357	0.006768513
KCNIP4	224530_PM_s_at	1.46849	0.006772293
TXNRD3	221906_PM_at	-1.22397	0.006778643
PPM1F	203063_PM_at	1.26434	0.006799081
LOC727916	1559322_PM_at	-1.22839	0.006800003
RBP2	231734_PM_at	-1.24865	0.006803119
BPNT1	232103_PM_at	-1.23241	0.006803984
SNX7	205573_PM_s_at	-1.32926	0.006823255
QTRT1	221270_PM_s_at	-1.39401	0.006827435
VTA1	223021_PM_x_at	-1.31973	0.006842467
TTC14	225178_PM_at	1.34439	0.00684846
UGDH	203343_PM_at	-1.26267	0.006856064
RCCD1	226488_PM_at	-1.28521	0.006876143
DHFR	202532_PM_s_at	-1.25896	0.006877321
INTS8	218905_PM_at	1.33298	0.006877946
TMEM176B	220532_PM_s_at	-1.21268	0.006878167
SCN7A	228504_PM_at	-1.39562	0.006879004
WASH3P	233929_PM_x_at	1.27728	0.006881914
STX17	218666_PM_s_at	1.25758	0.006890417
JHDM1D	221778_PM_at	1.27339	0.006903448
HAUS1	225297_PM_at	1.24919	0.006914819
DACH1	205472_PM_s_at	-1.42454	0.006916897
TDRD7	213361_PM_at	1.29089	0.006917083
C2CD3	213199_PM_at	1.21544	0.00692788
RNF32	1554642_PM_at	1.20565	0.006928363
SNED1	213488_PM_at	1.22829	0.006935282
ZFYVE9	204893_PM_s_at	-1.25256	0.006960708
GSTO2	227163_PM_at	-1.45078	0.006966888
LPAR5	230252_PM_at	1.23072	0.006994373
BSPRY	218792_PM_s_at	-1.26317	0.007000444
PBX4	230536_PM_at	1.30069	0.007006777
FANCM	234733_PM_s_at	1.23053	0.007009601
LOC729046 /// RPL17	214291_PM_at	1.44493	0.007025199
MYO19	219320_PM_at	1.27508	0.007028017
C5orf28	219029_PM_at	1.56483	0.007030274
ANXA2P3	211241_PM_at	1.23338	0.007033659
C1orf97	224443_PM_at	-1.27904	0.007038487

PYROXD1	213878_PM_at	-1.21174	0.00704463
PEX11B	202658_PM_at	-1.30479	0.007066788
LOC100288152	226125_PM_at	1.36443	0.007070648
MYL3	205589_PM_at	-1.76689	0.007073739
BEX2	224367_PM_at	-1.31161	0.007073846
SLC13A1	220502_PM_s_at	-2.29948	0.007101147
FAM178A	203481_PM_at	1.20592	0.007107233
MRPS10	222522_PM_x_at	-1.41587	0.007107416
LOC100133660	230082_PM_at	1.2184	0.007110304
C5orf22	203738_PM_at	-1.20444	0.007110534
TAF1A	206613_PM_s_at	1.20942	0.007111508
RRN3 /// RRN3P1 ///	216902_PM_s_at	1.37333	0.007128144
LFNG	215270_PM_at	1.23087	0.007138635
TECTA	236904_PM_x_at	-1.26185	0.007147221
UPK1B	210064_PM_s_at	-1.47688	0.007147434
LOC147727	235014_PM_at	-1.41872	0.007162475
KRI1	218798_PM_at	1.20545	0.007164707
CYP1A2	207608_PM_x_at	1.2541	0.007169948
CD55	201925_PM_s_at	1.41741	0.007170603
LAMC1	200770_PM_s_at	1.28034	0.007187433
FLJ46875	230203_PM_at	1.20449	0.007192125
SRCRB4D	236529_PM_at	-1.25717	0.007199894
CLEC5A	219890_PM_at	1.26332	0.007205978
DIS3L	235005_PM_at	-1.32368	0.007207277
INMT	224061_PM_at	1.30687	0.007215618
SLC16A5	206599_PM_at	1.60796	0.007231002
LOC389458	230439_PM_at	-1.21183	0.007241601
ENAH	217820_PM_s_at	1.31377	0.007243195
OSCP1	227359_PM_at	-1.35302	0.007267844
ATP1A1	220948_PM_s_at	-1.27844	0.007269277
ZDHHC14	219247_PM_s_at	1.2863	0.007275783
GJA1	201667_PM_at	1.47094	0.007287826
HSDL1	223248_PM_at	-1.23469	0.007332931
HOXA9	209905_PM_at	-1.32545	0.007340647
C1orf170	224501_PM_at	-1.23891	0.007367108
IL17RB	219255_PM_x_at	-1.93202	0.007367206
FAM46A	221766_PM_s_at	1.24607	0.007372264
ACTR3	200996_PM_at	1.25468	0.007384814
FAM149B1	213463_PM_s_at	-1.24449	0.007392151
HN1L	212109_PM_at	1.23092	0.00742392
PRELID1	223032_PM_x_at	-1.22631	0.007433335
SLC44A1	222364_PM_at	-1.22857	0.007454443
MMRN1	205612_PM_at	1.38537	0.00745949
DNAJB4	203810_PM_at	-1.36153	0.007461823
MAML1	202360_PM_at	1.22543	0.007492397
GPR146	228770_PM_at	-1.25871	0.007507377
LOC100240735 /// LO243674_PM_at		-1.27485	0.007509524

PRKAG1	201805_PM_at	-1.2684	0.007514276
LGALS2	208450_PM_at	-1.93073	0.007521161
LOC100286925	240115_PM_at	1.22555	0.00752632
WEE1	212533_PM_at	-1.22154	0.007528886
C7orf58	220032_PM_at	1.24724	0.007529193
PITPNM1	203826_PM_s_at	1.2838	0.007551303
C15orf17	224798_PM_s_at	-1.26576	0.007567394
TFF3	204623_PM_at	1.49701	0.007569769
SCCPDH	201825_PM_s_at	-1.31006	0.007574597
VAV3	218806_PM_s_at	-1.56099	0.00757481
ANLN	222608_PM_s_at	1.23976	0.007614389
HLA-DQB2	215536_PM_at	1.32893	0.007629809
SLC38A4	220786_PM_s_at	-1.20635	0.007629966
LOC399959	225381_PM_at	1.30292	0.007646949
MBLAC2	230298_PM_at	-1.35635	0.00765176
CABIN1	202624_PM_s_at	1.21553	0.00765199
DTL	218585_PM_s_at	1.20142	0.007659534
CD28	206545_PM_at	1.46529	0.007681034
PHF17	218517_PM_at	1.25054	0.007687874
ZNF430	206829_PM_x_at	1.34366	0.007687989
SLC12A1	220281_PM_at	-1.53601	0.007712136
LOC100129406	240868_PM_at	1.30487	0.007718709
C8orf46	229430_PM_at	-1.23893	0.00772642
LOC285768	1557618_PM_at	-1.21273	0.007734552
SERBP1	209669_PM_s_at	-1.24076	0.007739172
MYLK	202555_PM_s_at	1.26578	0.00777264
PAN3	225563_PM_at	1.30467	0.007781071
PTPN7	204852_PM_s_at	1.24439	0.007792219
LOC100270804	229722_PM_at	-1.2093	0.007795274
ANO5	229313_PM_at	-1.52268	0.007801233
EIF4G1	208624_PM_s_at	-1.26173	0.007829062
ARRDC3	224797_PM_at	-1.30901	0.007832461
GAB1	207112_PM_s_at	-1.23879	0.007838051
GGT2	215603_PM_x_at	-1.40491	0.00785082
MRPL39	218558_PM_s_at	-1.22089	0.007865811
FLJ16734	243077_PM_at	1.23713	0.007866128
TMTC3	226600_PM_at	-1.39848	0.007866251
PNKD	225298_PM_at	-1.29833	0.007871269
HIST1H2BB /// HIST1H2BB	208546_PM_x_at	-1.31538	0.00792635
SLC35B1	202433_PM_at	-1.26192	0.00794997
MPV17L	1559167_PM_x_at	-1.25125	0.007966946
CAV2	203323_PM_at	1.37099	0.007968629
ZCCHC18	230224_PM_at	1.33759	0.007975616
COPZ2	219561_PM_at	-1.21382	0.007992678
TUBGCP6	225758_PM_s_at	1.20718	0.007993181
ZCCHC24	212419_PM_at	1.33345	0.007995026
LOC145820	1558881_PM_at	1.65615	0.00800445

TNXA /// TNXB	206093_PM_x_at	1.51835	0.008011609
PTOV1	212032_PM_s_at	-1.23459	0.008021252
SRPRB	218140_PM_x_at	-1.3614	0.008021281
MLL5	223189_PM_x_at	1.35559	0.00802568
YES1	202932_PM_at	-1.30503	0.008052046
BLMH	202179_PM_at	-1.33858	0.008058504
SH3BGRL3	221269_PM_s_at	1.46291	0.008069315
ZNF600	242463_PM_x_at	1.35062	0.008069362
G6PD	202275_PM_at	1.22846	0.008077036
IFI35	209417_PM_s_at	1.29329	0.008088937
PDCD6	203415_PM_at	1.33649	0.008115092
SSFA2	202506_PM_at	-1.37845	0.008142684
LOC100129550	229699_PM_at	1.28738	0.008142817
C9orf25	225146_PM_at	1.23134	0.008158104
DGAT1	203669_PM_s_at	-1.21463	0.008166135
H6PD	221892_PM_at	1.28919	0.008199529
LOC493754	231992_PM_x_at	1.21292	0.008205184
LOC257396	236076_PM_at	-1.22757	0.008205582
C12orf73	226927_PM_at	-1.26832	0.008210206
DUSP1	201041_PM_s_at	1.20545	0.008215544
RSPH1	230093_PM_at	1.5131	0.008216116
LLGL2	203713_PM_s_at	-1.23011	0.008216818
IGFALS	215712_PM_s_at	-1.20306	0.008217618
CCDC88C	215343_PM_at	1.28329	0.008219332
ABCC3	208161_PM_s_at	1.39812	0.008222089
ASH2L	209517_PM_s_at	-1.28134	0.008223375
GMCL1	218458_PM_at	-1.29481	0.008235155
GRSF1	201501_PM_s_at	-1.26333	0.00823973
C17orf91	214696_PM_at	-1.2238	0.008240052
TPSAB1	205683_PM_x_at	1.2593	0.008252179
RNF214	227114_PM_at	1.24307	0.008266918
C9orf5	223005_PM_s_at	-1.24303	0.008267704
LOC100132832	1557996_PM_at	1.45229	0.008271999
CD200	209582_PM_s_at	1.37355	0.008285804
B3GALNT1	211379_PM_x_at	-1.32779	0.008305252
NR1H4	206340_PM_at	-1.69649	0.008310557
BANK1	219667_PM_s_at	1.53919	0.008310733
GGT7	226469_PM_s_at	-1.21087	0.008320033
RBM20	238763_PM_at	-1.2669	0.008340495
PHF19	225533_PM_at	1.35945	0.008377439
XIAP	206536_PM_s_at	-1.3316	0.008381036
DNAJC10	221781_PM_s_at	1.25423	0.008388224
TAGLN2	200916_PM_at	1.34307	0.00839487
STXBP4	237706_PM_at	-1.24432	0.008415975
ZBTB2	226284_PM_at	1.21992	0.00842127
C19orf68	238866_PM_at	-1.26323	0.008439437
ZFYVE20	226581_PM_at	-1.24268	0.008467926

SCN1B	205508_PM_at	1.43832	0.008468808
PARM1	225809_PM_at	-1.34342	0.008484747
C5	205500_PM_at	-1.40308	0.008532094
MFF	219137_PM_s_at	-1.22356	0.008562126
ITSN1	209297_PM_at	1.25216	0.008563368
DENND1C	221080_PM_s_at	1.39708	0.008584481
ADCK1	227482_PM_at	-1.23625	0.008590022
WDR92	235071_PM_at	-1.20394	0.008610065
CYP3A5	205765_PM_at	-1.66903	0.008610818
SCRN1	201462_PM_at	1.27936	0.008611273
FBLIM1	225258_PM_at	1.29685	0.008614155
PLXNB1	215668_PM_s_at	-1.23974	0.008638197
	5-Mar 218582_PM_at	-1.21252	0.008641706
LOC100131733	228675_PM_at	1.20167	0.008647748
FAM55C	217540_PM_at	1.24018	0.008656278
MRPS36	224302_PM_s_at	-1.21025	0.008691434
BEX4	215440_PM_s_at	-1.37134	0.008692085
PTPRB	205846_PM_at	-1.27184	0.008711203
SNORD123	227655_PM_at	-1.33285	0.008711507
TBX2	205993_PM_s_at	-1.45253	0.008712272
PGD	201118_PM_at	-1.35658	0.00871228
CXCL5	214974_PM_x_at	1.25942	0.008714126
ZNF200	207338_PM_s_at	1.21724	0.008715331
CLIC5	213317_PM_at	-1.30067	0.008736535
MED12	203506_PM_s_at	1.3289	0.008762399
CLC	206207_PM_at	1.48818	0.008770755
IMPA1	203011_PM_at	-1.23472	0.008808823
MXD4	210778_PM_s_at	-1.22581	0.008846357
PROCR	203650_PM_at	1.27184	0.008849806
PRC1	218009_PM_s_at	1.42099	0.0088517
WVOX	210695_PM_s_at	-1.20261	0.008876426
JARID2	203297_PM_s_at	1.30818	0.008899239
HCG2P7	216229_PM_x_at	1.2582	0.008921647
BCR	202315_PM_s_at	-1.26181	0.008926159
KRT18	201596_PM_x_at	1.46225	0.008926303
NAPSA	223806_PM_s_at	-1.58155	0.008926423
ZCCHC2	219062_PM_s_at	1.37931	0.008944781
AFF4	225229_PM_at	1.2462	0.00894583
PIAS3	203035_PM_s_at	1.31327	0.008947335
COL5A1	203325_PM_s_at	1.60107	0.008954561
IGHA1 /// IGHV4-31 //	234477_PM_at	1.46628	0.008955043
LOC100288939	215287_PM_at	1.25029	0.00897003
GALNT3	203397_PM_s_at	1.4513	0.008996936
MST1	205614_PM_x_at	-1.36249	0.009000679
SMARCC2	201320_PM_at	1.23272	0.009001964
C12orf56	236840_PM_at	-1.30645	0.009002963
SCOC	223341_PM_s_at	-1.58494	0.009007517

CNN2	201605_PM_x_at	1.36549	0.009066667
C2orf74	1568658_PM_at	-1.33394	0.009074403
MBD6	226076_PM_s_at	1.212	0.009074813
ZNF768	218916_PM_at	-1.33849	0.009075074
LILRB4	210152_PM_at	1.21302	0.009081895
SCUBE2	219197_PM_s_at	1.24212	0.009103523
ALDH1A1	212224_PM_at	-1.48	0.009118781
SLC15A2	205316_PM_at	-1.26597	0.009137756
RAB4A	203581_PM_at	-1.30091	0.009143821
LPIN2	202459_PM_s_at	-1.29099	0.009172704
LOC645895 /// MYBL1	231268_PM_at	-1.32539	0.009174604
TREM1	219434_PM_at	1.22735	0.009179346
SYNJ2BP	219156_PM_at	-1.29116	0.009194504
FXD3	202488_PM_s_at	1.34151	0.009195395
C14orf1	202562_PM_s_at	-1.67534	0.009204374
MITD1	226329_PM_s_at	1.30522	0.009239276
HAVCR2	235458_PM_at	-1.32404	0.009249141
CD40LG	207892_PM_at	1.22984	0.009260228
DUSP8	206374_PM_at	1.22444	0.009260579
LOC730098	230327_PM_at	-1.21866	0.00926241
S100B	209686_PM_at	1.33312	0.009270657
MLEC	200616_PM_s_at	-1.27665	0.009283271
C5orf4	220751_PM_s_at	-1.21531	0.009284852
HCN3	228741_PM_s_at	-1.23605	0.009313563
COL18A1	209081_PM_s_at	1.2317	0.009324946
ASPHD1	214993_PM_at	1.24703	0.009325606
NAAA	214765_PM_s_at	-1.36897	0.009330428
ZNF684	232563_PM_at	-1.2279	0.009332491
LOC100292228 /// RR	230328_PM_at	1.24264	0.00935153
C9orf125	213386_PM_at	1.2222	0.009357288
C21orf7	221211_PM_s_at	1.36256	0.009385612
OLFM1	205591_PM_at	1.5126	0.00939086
SRPX2	205499_PM_at	1.43055	0.009394705
COPZ1	217726_PM_at	-1.22763	0.009413677
BGN	201261_PM_x_at	1.3776	0.009435818
FIBIN	226769_PM_at	1.43103	0.009453817
BAT2L2	211944_PM_at	1.33736	0.009457421
GPR82	244434_PM_at	1.22655	0.009470768
GPI	208308_PM_s_at	-1.23209	0.009471828
TET2	227624_PM_at	1.23004	0.009491337
EIF5B	201024_PM_x_at	1.22153	0.009506827
AGAP4 /// AGAP6 ///	221850_PM_x_at	1.20311	0.009529462
ACVRL1	210838_PM_s_at	1.24524	0.009548381
ZNF345	207236_PM_at	1.28531	0.009556592
ZHX1	223213_PM_s_at	-1.22402	0.009564295
EWSR1 /// FLI1	211825_PM_s_at	1.29462	0.009571195
RIOK1	224450_PM_s_at	1.22767	0.009574498

KCNK1	204678_PM_s_at	-1.40651	0.009576215
PODXL	201578_PM_at	-1.3891	0.00957639
B3GALT4	210205_PM_at	1.28249	0.009578791
YIPF5	221423_PM_s_at	-1.217	0.00957977
SENP6	202318_PM_s_at	1.27613	0.009656258
PSMC3	201267_PM_s_at	-1.51797	0.009656748
TMEM176A	218345_PM_at	-1.34854	0.009661905
ANG	205141_PM_at	-1.31636	0.009672523
PAIP1	208051_PM_s_at	-1.28318	0.009682408
C15orf29	218791_PM_s_at	1.25971	0.009704513
PSMD7	201705_PM_at	1.20854	0.009704632
IKZF2	220567_PM_at	1.21811	0.009704842
FGFR3	204379_PM_s_at	-1.22613	0.009706069
TMX2	201175_PM_at	-1.22003	0.009706478
ANGPTL1	224339_PM_s_at	-1.45971	0.009707361
CCBE1	229641_PM_at	-1.27689	0.009708048
LIMCH1	212325_PM_at	-1.39319	0.009728076
PSME4	212219_PM_at	1.22065	0.009736138
ZNF367	229551_PM_x_at	-1.30002	0.009755808
FRAS1	220910_PM_at	-1.21531	0.009794212
UBE2L3	200676_PM_s_at	-1.22592	0.009794443
PEX26	219180_PM_s_at	-1.30316	0.009806999
ZNF512B	221869_PM_at	-1.21841	0.009807027
VPS13B	213243_PM_at	1.31826	0.009810393
RAMP1	204916_PM_at	1.32765	0.00981403
LOC100131043	244029_PM_at	1.36141	0.009859899
MEF2C	207968_PM_s_at	1.50575	0.009866811
C1orf114	206721_PM_at	-1.41018	0.009868631
PRPF18	221546_PM_at	1.22583	0.0098707
UBB	217144_PM_at	-1.26461	0.009875922
WISP1	206796_PM_at	1.22812	0.009909843
KIAA1731	229878_PM_at	1.41251	0.009922647
LOC100294335 /// LR	220219_PM_s_at	-1.24776	0.00993634
JAM3	212813_PM_at	1.23932	0.009941061
INO80E	227286_PM_at	1.3066	0.009941289
SPCS3	218817_PM_at	1.32976	0.009948809
UBE2J1	217823_PM_s_at	1.31015	0.009949734
TIFAB	236673_PM_at	1.22265	0.009949777
PION	222150_PM_s_at	1.35161	0.009950818
ZNF721	215978_PM_x_at	1.27459	0.00999834
D4S234E /// FOXP1	209569_PM_x_at	1.55762	0.010003883
SGK494	244547_PM_at	-1.23899	0.01001255
GLTP	219267_PM_at	-1.26761	0.010036694
LARP7	212785_PM_s_at	1.24389	0.010067973
IFIH1	219209_PM_at	1.2102	0.01009356
GEM	204472_PM_at	1.55127	0.010096206
CSRP2	207030_PM_s_at	-1.28057	0.010115053

FCGR3A /// FCGR3B	204006_PM_s_at	1.87664	0.010131715
TMEM222	221512_PM_at	-1.22912	0.010135807
C6orf155	220324_PM_at	-1.3921	0.010140596
LSR	208190_PM_s_at	1.23386	0.010143134
RNASE1	201785_PM_at	1.32309	0.010144932
HTRA4	1553706_PM_at	1.2306	0.01014896
UBE2B	202333_PM_s_at	-1.36035	0.010155226
MTA1	211783_PM_s_at	1.36494	0.010188422
HAUS7 /// TREX2	207891_PM_s_at	-1.32146	0.010190409
GPR68	229055_PM_at	1.26796	0.010228976
FST	204948_PM_s_at	1.46227	0.010246897
ZBTB40	203958_PM_s_at	1.26519	0.010250072
TTC9	213172_PM_at	1.24826	0.01026712
ORAI3	221864_PM_at	-1.3225	0.01026747
CCNO	210021_PM_s_at	1.2461	0.010267521
GALNTL2	228501_PM_at	1.62046	0.010271199
CHKB	204193_PM_at	1.25082	0.010274989
PRSS16	208165_PM_s_at	1.29336	0.010300246
KCTD13	221889_PM_at	1.22725	0.010301475
MLLT3	204917_PM_s_at	1.24789	0.010308417
UBAC1	202151_PM_s_at	-1.23002	0.010320364
PCBP1	208620_PM_at	-1.21956	0.010321444
PCDHGA11 /// PCDHC	205717_PM_x_at	1.21933	0.010323917
ZFAND6	239757_PM_at	1.42969	0.010327547
ERP27	227450_PM_at	-1.47763	0.010328825
LOC641467	237745_PM_at	1.26419	0.010363156
FAM57B	227781_PM_x_at	-1.23887	0.010386515
PHF20	206567_PM_s_at	1.23634	0.010392836
HP	206697_PM_s_at	1.48687	0.010401191
LRP2	205710_PM_at	-1.929	0.010410374
HCG27	1559050_PM_at	1.29409	0.010415142
C12orf39	221067_PM_s_at	-1.3713	0.01043255
RAB7A	211960_PM_s_at	-1.23123	0.010459331
UBE2H	217799_PM_x_at	-1.37615	0.010467464
SPAG9	206748_PM_s_at	-1.41202	0.010468119
BAT1	200041_PM_s_at	1.2405	0.010518484
ATP6AP2	201443_PM_s_at	-1.28879	0.010531878
GMEB1	220938_PM_s_at	1.24834	0.010567432
ITGBL1	205422_PM_s_at	1.47184	0.010576515
PRIM1	205053_PM_at	1.3028	0.010581137
PRKCQ	210038_PM_at	1.42763	0.010582393
SSR1	200889_PM_s_at	-1.2209	0.010582775
ZNF451	212557_PM_at	1.24771	0.010589239
ELF5	220624_PM_s_at	-1.6358	0.010593122
SIX3	206634_PM_at	1.21728	0.010600083
SH3PXD2B	231823_PM_s_at	1.25126	0.010603844
GGA3	209411_PM_s_at	1.27837	0.010637645

TNAP	1555707_PM_at	1.21774	0.010640181
MMP9	203936_PM_s_at	1.76894	0.0106512
DPP7	224814_PM_at	-1.22566	0.010669664
ZNF12	219571_PM_s_at	1.27947	0.010690009
NAA30	225679_PM_at	-1.34041	0.010695574
KIAA0232	212441_PM_at	-1.20328	0.010737174
RABEP2	74694_PM_s_at	1.26759	0.010802096
CXADR	203917_PM_at	1.30827	0.010802289
GYS1	201673_PM_s_at	-1.25708	0.010858267
UFM1	218050_PM_at	1.25818	0.010880427
ADAM9	202381_PM_at	-1.35357	0.010887838
ABCB10	223320_PM_s_at	-1.28279	0.010914477
EIF4E	201435_PM_s_at	-1.26033	0.010931267
FBN2	203184_PM_at	1.31438	0.01094997
BAGE	207712_PM_at	1.20555	0.010988325
UBLCP1	227413_PM_at	1.27226	0.011009899
RUVBL1	201614_PM_s_at	-1.23318	0.011024205
SNORD104	228879_PM_at	1.35009	0.011033588
COG6	225769_PM_at	-1.35351	0.011044559
UBE2C	202954_PM_at	1.47526	0.011045426
HYAL2	206855_PM_s_at	1.31375	0.011068804
TMEM125	225822_PM_at	-1.40942	0.011076999
ADAM12	202952_PM_s_at	1.23947	0.011084924
UBE2N	201523_PM_x_at	-1.26528	0.011114254
SOCS2	203372_PM_s_at	-1.36356	0.011114396
TSPAN14	221002_PM_s_at	1.20488	0.011115332
SLIT3	203812_PM_at	1.47569	0.011132479
DYNLRB2	238116_PM_at	-1.60093	0.011132766
LOC100129637	229035_PM_s_at	1.23934	0.011187968
RNF123	221063_PM_x_at	-1.2079	0.011216827
COL3A1	201852_PM_x_at	1.63624	0.011240926
REG3G	231661_PM_at	1.3605	0.011255196
LOC220930	229090_PM_at	1.21512	0.011261697
SLC35E4	1568623_PM_a_at	1.21524	0.011266313
EEF1A2	204540_PM_at	-1.21072	0.011311815
PLCG2	204613_PM_at	-1.24255	0.01132806
NPAT	209798_PM_at	1.23833	0.011328341
SUMF2	225002_PM_s_at	-1.22325	0.011335124
ATP8A1	213106_PM_at	1.37011	0.011348761
C3orf39	225689_PM_at	-1.20224	0.011351141
FER	206412_PM_at	1.25028	0.011354964
DDI2 /// RSC1A1	214583_PM_at	-1.21368	0.011393312
GPRC5C	219327_PM_s_at	-1.24799	0.011420945
ZNF323	222016_PM_s_at	-1.29554	0.011422582
NEDD1	234984_PM_at	1.30216	0.011427227
GSTP1	200824_PM_at	1.20585	0.011438779
FAS	204780_PM_s_at	1.34923	0.011451107

BBOX1	205363_PM_at	-2.05994	0.011468586
ARFGAP3	202211_PM_at	1.22054	0.011473027
CD79A	205049_PM_s_at	1.26652	0.011473809
KLHL20	204176_PM_at	-1.27377	0.011523477
ARHGEF1	203055_PM_s_at	1.21788	0.011531173
CDK8	204831_PM_at	-1.32422	0.011548144
MYH9	211926_PM_s_at	1.20603	0.011555742
LOC100288332 /// LO	215123_PM_at	1.54064	0.011593949
JAM2	219213_PM_at	1.51985	0.01159796
KBTBD6	226479_PM_at	-1.26339	0.011599479
AMBP	205477_PM_s_at	-1.22032	0.011602487
BATF2	228439_PM_at	1.23027	0.011604053
HSPB8	221667_PM_s_at	1.3286	0.011637365
FAM177A1	227029_PM_at	-1.2252	0.011663319
LPP	202821_PM_s_at	1.24556	0.011673968
EIF2AK1	217735_PM_s_at	-1.20646	0.011677372
RPS6KA6	228502_PM_at	-1.25573	0.011702172
SLC15A4	225043_PM_at	1.28263	0.01170498
RAB15	221810_PM_at	-1.23329	0.011725837
NR2C2AP	226839_PM_at	1.21748	0.011726387
ARF3	200011_PM_s_at	-1.21792	0.011752649
CKB	200884_PM_at	-1.33695	0.011756075
PDZK1IP1	219630_PM_at	-1.98164	0.011756924
FGFBP2	223836_PM_at	1.39239	0.011757314
APRT	203219_PM_s_at	-1.21466	0.011757646
LOC144571	1564139_PM_at	1.33675	0.01175801
HBA1 /// HBA2	204018_PM_x_at	-1.83246	0.011763274
AMFR	202203_PM_s_at	-1.26312	0.011801969
LOC283392	1560697_PM_at	-1.41173	0.011803623
KDEL1	200922_PM_at	-1.22361	0.011815328
ZNF141	235580_PM_at	1.21857	0.011841619
KLHL8	226874_PM_at	-1.33655	0.011855066
CLDN6	208474_PM_at	-1.29456	0.01187431
NOV	204501_PM_at	1.48349	0.011927362
SUB1	212857_PM_x_at	1.21064	0.011928243
FAM59A	219377_PM_at	-1.38114	0.011940469
ABCB1 /// ABCB4	209994_PM_s_at	-1.33226	0.011955749
CD200R1	1553395_PM_a_at	1.20666	0.011957236
LOC150381	238058_PM_at	-1.2274	0.011962448
MTMR15	203678_PM_at	-1.22727	0.0119688
PIGU	225903_PM_at	-1.27544	0.011996333
ZNF274	232436_PM_at	1.32975	0.012011692
SLC4A2	202111_PM_at	-1.21217	0.012012325
RAB42	1552846_PM_s_at	1.2898	0.012043454
DUSP15	230402_PM_at	-1.32901	0.012047804
TSPAN8	203824_PM_at	1.5227	0.012068103
ZMAT3	219628_PM_at	1.25299	0.012090476

EIF2C4	219190_PM_s_at	1.24351	0.012099516
BIN1	202931_PM_x_at	-1.29727	0.01210728
APLNR	213592_PM_at	-1.40622	0.012131711
BRCA1	204531_PM_s_at	1.21801	0.012132248
VTN	204534_PM_at	-1.28846	0.012138838
IKBKB	209341_PM_s_at	1.23381	0.012164482
IGFBP6	203851_PM_at	1.47961	0.012166074
METTL2A /// METTL2	221079_PM_s_at	-1.2333	0.012174117
FAM110B	221959_PM_at	1.25007	0.012196264
REN	206367_PM_at	-2.51751	0.012219084
IGFBP3	210095_PM_s_at	-1.3795	0.012219103
CCDC8	223495_PM_at	-1.21875	0.012223419
CDH5	204677_PM_at	1.32746	0.012224597
KEAP1	202417_PM_at	-1.27367	0.012226039
SFRS2B	213152_PM_s_at	-1.2097	0.012252886
C5orf17	1552954_PM_at	1.2288	0.012268927
CCDC148	231504_PM_at	-1.2724	0.012269728
LMAN1	203293_PM_s_at	-1.21416	0.012281791
C4orf49	223734_PM_at	-1.33184	0.012288637
LOC100288007	215109_PM_at	1.27873	0.012297498
PLEKHA7	228450_PM_at	-1.42989	0.012309674
FAM102B	226568_PM_at	1.37574	0.012337671
CYR61	201289_PM_at	1.64557	0.012338453
PRX	220024_PM_s_at	-1.24758	0.012349566
ST6GAL2	228821_PM_at	1.20432	0.012354643
PLA2G4A	210145_PM_at	1.39286	0.012411742
ZSCAN29	226562_PM_at	1.28654	0.012419946
CEP55	218542_PM_at	1.20416	0.012440403
FLII /// LLGL1	227302_PM_s_at	-1.20134	0.012453262
ANKRD20A1 /// ANKR	224012_PM_at	1.27188	0.012477226
LSM5	202903_PM_at	-1.21697	0.012484496
ARHGEF10	215139_PM_at	1.24311	0.012496823
CCL18	209924_PM_at	1.92972	0.01249866
PSMD3	201388_PM_at	-1.2931	0.012524548
LOC100233209	241947_PM_at	1.28823	0.012524975
RSBN1	213694_PM_at	1.23716	0.012526223
GLDC	204836_PM_at	-1.54061	0.012534069
LOC100170939	214850_PM_at	1.36109	0.0125393
RAB33A	206039_PM_at	1.26941	0.01258322
FHOD3	218980_PM_at	-1.37178	0.012595201
ACTA2	200974_PM_at	1.58875	0.012609109
PRKAB1	201834_PM_at	-1.34226	0.012632528
PPM1A	203966_PM_s_at	-1.22424	0.012649078
PLAG1	205372_PM_at	1.2577	0.012653811
CCT2	201946_PM_s_at	-1.42123	0.012692783
ASMTL	209394_PM_at	-1.23716	0.012693187
SYCP2	206546_PM_at	-1.37407	0.012750909

CD37	204192_PM_at	1.30917	0.012753524
TMED2	204426_PM_at	-1.97018	0.012754567
PI16	228312_PM_at	-1.27796	0.012756588
WNT7B	238105_PM_x_at	-1.23473	0.01277148
FOXO3	204131_PM_s_at	1.2221	0.012776387
KDELC1	219479_PM_at	1.28226	0.012829235
ESCO1	226866_PM_at	1.43714	0.012848663
PRR3	204795_PM_at	1.22041	0.012876825
RGS13	210258_PM_at	1.29751	0.01290226
XPO1	208775_PM_at	1.29471	0.012921557
PIGB	205452_PM_at	-1.2278	0.012923384
AGL	203566_PM_s_at	-1.33284	0.012941694
LOC100286999	236874_PM_at	-1.20543	0.012958117
PPP1R1A	205478_PM_at	-1.57892	0.012974368
SCN3A	210432_PM_s_at	1.40923	0.013016885
THSD7A	214920_PM_at	-1.36485	0.013031713
CAPN1	200752_PM_s_at	1.22327	0.013035543
OSBPL3	209626_PM_s_at	1.32926	0.013045687
BCAT1	214390_PM_s_at	1.23403	0.013079117
NDUFA3	218563_PM_at	-1.20051	0.01312114
ANXA13	208323_PM_s_at	-1.51409	0.013135111
QSOX1	201482_PM_at	1.21469	0.013151479
WBP2	209117_PM_at	-1.26916	0.013164811
KLC4	225596_PM_at	-1.24692	0.013166636
ARPC1A	200950_PM_at	-1.31081	0.013180958
S100A14	218677_PM_at	1.36486	0.013181853
GUSBP3	215599_PM_at	1.3098	0.013221651
BSCL2	208906_PM_at	-1.2152	0.0132294
TXNIP	201008_PM_s_at	1.2769	0.013266763
IGFBP7	201162_PM_at	1.22167	0.013268102
WIPF1	202664_PM_at	1.35592	0.013270983
SLC7A6	203578_PM_s_at	1.3102	0.013309945
ERGIC1	223847_PM_s_at	-1.27535	0.01334279
BCKDK	202030_PM_at	-1.23018	0.013352611
GNAI2	201040_PM_at	1.31442	0.013359696
COX15	219547_PM_at	-1.23876	0.013375998
PIN1	202927_PM_at	-1.21606	0.013379844
FMR1	203689_PM_s_at	-1.20617	0.013430325
KLRF1	220646_PM_s_at	1.37587	0.013484325
THEM4	229253_PM_at	-1.24936	0.013514725
RGL1	209568_PM_s_at	-1.25636	0.013569642
FBXO32	225803_PM_at	1.37153	0.013574337
CLASP2	212306_PM_at	-1.23314	0.013584197
PPFIBP2	212841_PM_s_at	-1.21304	0.013584227
RNF180	236644_PM_at	-1.20141	0.013620633
HSPA2	211538_PM_s_at	-1.48497	0.013653
C15orf52	227272_PM_at	1.36581	0.013666053

MGC16121	228235_PM_at	-1.26038	0.013681249
LOC339535	235599_PM_at	-1.33852	0.013733759
C1orf104	230256_PM_at	1.24087	0.013743395
GPR64	206002_PM_at	1.46288	0.013743713
ELMOD2	226502_PM_at	-1.20655	0.013745492
SAMD13	229402_PM_at	1.25534	0.013768747
ZNF248	213269_PM_at	1.24496	0.013769139
CCDC130	208094_PM_s_at	1.23677	0.013796839
TTK	204822_PM_at	1.24822	0.013804433
APIP	218698_PM_at	-1.24268	0.013806763
TRERF1	229016_PM_s_at	1.23159	0.013852636
SH2D1B	1553177_PM_at	1.2134	0.013855709
PKP4	201927_PM_s_at	-1.68775	0.013862669
TIGD5	229758_PM_at	-1.20397	0.013864136
LRRN3	209840_PM_s_at	1.39574	0.013875404
GMCL1 /// GMCL1L	234488_PM_s_at	-1.23475	0.013876074
EEF2K	225545_PM_at	1.32071	0.013877939
LYSMD2	226748_PM_at	1.26833	0.013905517
DNTTIP1	224825_PM_at	-1.21551	0.013920517
DNAJB2	202500_PM_at	-1.22186	0.01395874
WTIP	227411_PM_at	-1.20519	0.014061707
VDAC3	208844_PM_at	-1.21559	0.014097624
FAM38A	202771_PM_at	1.32281	0.014097632
LOC100288730	243092_PM_at	1.2071	0.014097756
PTPLAD1	217777_PM_s_at	-1.28545	0.014106143
SSC5D	230228_PM_at	-1.21804	0.014155574
CDC20	202870_PM_s_at	1.36868	0.014157434
U2AF1	231904_PM_at	1.30629	0.014171649
LOC728554 /// THOC:	224623_PM_at	-1.22001	0.01421738
RCOR2	236030_PM_at	-1.22145	0.014232248
NSMCE2	226536_PM_at	-1.20866	0.014235214
AHSA2	226334_PM_s_at	1.37149	0.01424245
F8	205756_PM_s_at	-1.33719	0.014243269
PPP3CC	207000_PM_s_at	1.22929	0.014243293
S1PR3	228176_PM_at	1.20148	0.014243575
LOC146336	1557146_PM_a_at	1.28802	0.014259618
PTPRD	205712_PM_at	-1.53816	0.014272154
BRD2	208685_PM_x_at	1.25404	0.014277792
FAM89A	226448_PM_at	1.26451	0.01428107
CBX5	209715_PM_at	1.23257	0.014318692
NDN	209550_PM_at	1.20304	0.014363567
SALL1	206893_PM_at	-1.39946	0.014372866
CYP26B1	219825_PM_at	-1.29224	0.014389563
RAB3IP	223471_PM_at	-1.34969	0.014401524
C14orf104	219166_PM_at	-1.26192	0.014410041
PRDM5	235764_PM_at	1.23612	0.014464906
GPC6	223730_PM_at	-1.26287	0.014490684

NRBP2	225949_PM_at	1.21154	0.014510193
LOC80054	220465_PM_at	-1.23621	0.014519393
LOC100294358	230374_PM_at	-1.24967	0.014521299
TMEM181	225127_PM_at	1.31149	0.014525132
PCDH7	205534_PM_at	1.24364	0.014525319
ATXN7L3B	212113_PM_at	-1.27793	0.014530347
ARAP2	213618_PM_at	1.25826	0.014558968
C1orf63	209006_PM_s_at	1.36659	0.014560496
CCR6	206983_PM_at	1.31631	0.014574401
DEFB1	210397_PM_at	-1.7656	0.014595407
CPVL	208146_PM_s_at	1.3439	0.014603227
PPWD1	213483_PM_at	1.28937	0.014610679
KIFAP3	203333_PM_at	-1.23586	0.014615768
NLGN1	205893_PM_at	-1.26417	0.014634567
LOC645638	229566_PM_at	1.2496	0.014649656
RBMY1A1 /// RBMY11	208307_PM_at	-1.23728	0.014654042
PEA15	200787_PM_s_at	1.25752	0.01466076
ATG4B	204902_PM_s_at	-1.27568	0.014684886
CTTN	201059_PM_at	-1.31021	0.014686991
STAC	205743_PM_at	-1.20551	0.014693522
LOC643037	243803_PM_at	-1.21507	0.014696477
CAMK4	210349_PM_at	1.27268	0.014733959
TSC22D1	215111_PM_s_at	1.34448	0.014770006
ZNF646	204876_PM_at	-1.23414	0.014811205
KCNJ1	210402_PM_at	-1.73599	0.014831399
UBXN8	215983_PM_s_at	-1.26244	0.014832341
GNG12	212294_PM_at	-1.46445	0.014896655
NCRNA00204	1552607_PM_at	1.22897	0.014922675
CEP350	204373_PM_s_at	1.20516	0.014924592
PCOLCE	202465_PM_at	1.42093	0.014950251
ROD1	207223_PM_s_at	1.33919	0.01495589
HMX1	207353_PM_s_at	-1.25349	0.014971516
KIAA0090	212394_PM_at	-1.20249	0.014984846
PQBP1	207769_PM_s_at	-1.33067	0.014994483
SLC44A4	205597_PM_at	-1.30898	0.015051582
INHBB	205258_PM_at	1.2651	0.015079573
SYT17	205613_PM_at	-1.25703	0.015080818
INTS7	218783_PM_at	1.20527	0.015081792
IL33	209821_PM_at	1.38604	0.015081992
KIAA0562	204074_PM_s_at	-1.26477	0.015096281
TICAM2 /// TMED7-TI	228234_PM_at	1.22352	0.015097708
CNTN1	211203_PM_s_at	-1.20252	0.015119024
DCDC2	222925_PM_at	1.49716	0.015171635
CDCA4	218399_PM_s_at	1.22541	0.015179397
GRWD1	221549_PM_at	-1.23799	0.015187776
PRDM2	203056_PM_s_at	1.24027	0.015196516
FLJ20444	232897_PM_at	-1.24019	0.015234478

CDH2	203440_PM_at	-1.25284	0.015321972
TMEM50B	219600_PM_s_at	-1.22641	0.015335182
PPL	203407_PM_at	1.39182	0.015357304
LOC283481	230351_PM_at	-1.26297	0.015366949
CMA1	214533_PM_at	1.22129	0.015371119
VPS37A	225378_PM_at	-1.24635	0.015392919
WWC3	219520_PM_s_at	1.22846	0.015415557
FANCL	218397_PM_at	1.25049	0.015472057
RAP1GAP2	213280_PM_at	1.20693	0.015494457
DIAPH2	205603_PM_s_at	1.23532	0.015503419
TSEN34	218132_PM_s_at	-1.22006	0.015505424
ENOX1	219501_PM_at	-1.23438	0.015559677
C11orf80	204922_PM_at	1.27842	0.015560878
ARSD	206831_PM_s_at	-1.28164	0.015561729
TANC2	208425_PM_s_at	1.23294	0.015564486
SPINK2	206310_PM_at	1.37188	0.015671832
C11orf61	221208_PM_s_at	1.24158	0.01573834
PRELP	204223_PM_at	1.38371	0.015744071
HINT3	226533_PM_at	-1.24357	0.015753957
PLA2G15	204458_PM_at	-1.25632	0.015764229
EGLN1	221497_PM_x_at	-1.21382	0.015792131
LOC399491	214682_PM_at	1.27372	0.015853301
FAM179B	213304_PM_at	-1.25625	0.015886465
CLLU1	1558185_PM_at	1.27094	0.01589499
TIMD4	1552280_PM_at	1.41326	0.015923992
TMEM156	220169_PM_at	1.21997	0.015933301
CLSTN3	204375_PM_at	-1.21578	0.015971009
MALT1	208309_PM_s_at	1.31183	0.016002268
PFN1	200634_PM_at	1.26904	0.016002931
HGC6.3	211111_PM_at	-1.20442	0.016069882
C1orf50	219406_PM_at	-1.21329	0.016100571
HS2ST1 /// LOC33952	215039_PM_at	1.38327	0.01614817
RGPD1 /// RGPD2	235597_PM_s_at	1.25039	0.016173955
HEG1	212822_PM_at	1.24849	0.016214475
FOLR3	206371_PM_at	-1.27085	0.016224617
LOC100132787 /// RN	236454_PM_at	-1.23769	0.016228499
LOC643529	232239_PM_at	1.2591	0.016250143
LEPRE1	220750_PM_s_at	1.22524	0.016273068
ETNK1	219017_PM_at	-1.4112	0.016281862
CYP4X1	227702_PM_at	-1.28733	0.016311478
PGBD5	219225_PM_at	1.22026	0.01631365
10-Sep	212698_PM_s_at	-1.27302	0.016315307
SV2A	203069_PM_at	1.27452	0.016332705
MRPL22	218339_PM_at	-1.26668	0.016347414
BOK	223349_PM_s_at	-1.33888	0.01635462
ZPLD1	1561969_PM_at	1.20007	0.01635612
MGA	212945_PM_s_at	1.31346	0.016360763

SDHAF2	223048_PM_at	-1.24786	0.016457165
KLHDC8B	225755_PM_at	-1.25483	0.016459459
NAA38	219119_PM_at	1.22431	0.016465662
SLC25A13	203775_PM_at	-1.31275	0.016489273
HSF4	210977_PM_s_at	-1.21738	0.016567979
TMED8	225343_PM_at	-1.33305	0.016586605
CCDC111	227157_PM_at	1.20551	0.01671738
EPS8L2	218180_PM_s_at	-1.20545	0.016723398
GTF2H4	203577_PM_at	-1.24245	0.016725063
LOC100292959	213789_PM_at	-1.32922	0.016728666
TSPAN6	209108_PM_at	-1.37682	0.016735725
BUB1B	203755_PM_at	1.25601	0.016762454
SORL1	203509_PM_at	1.24504	0.016772805
CDC23	202892_PM_at	-1.21759	0.016836807
BCAP31	200837_PM_at	-1.24285	0.016889492
LOC100132735	1557161_PM_at	1.74183	0.016939225
ARPP19	214553_PM_s_at	-1.31165	0.016975511
IPW	213447_PM_at	-1.29409	0.017026756
MED31	219318_PM_x_at	1.28134	0.017041286
ZNF300	228144_PM_at	1.25652	0.017042393
SULF1	212344_PM_at	1.56534	0.017088324
MRPL50	225580_PM_at	-1.32823	0.017119102
C1orf31	225638_PM_at	-1.24521	0.017164014
PRMT6	223275_PM_at	-1.42584	0.017167965
PILRB	220954_PM_s_at	1.30248	0.01718664
GSDMB	215659_PM_at	1.22652	0.017250262
MASTL	228468_PM_at	1.23594	0.017261043
CMBL	227522_PM_at	-1.51029	0.017277824
SNX25	227311_PM_at	-1.21391	0.017310476
CLDN19	1552535_PM_at	-1.37678	0.017324224
SIRT2	1558331_PM_at	1.25448	0.017341929
TAS2R14	235762_PM_at	1.26357	0.017370991
FKBP1B	206857_PM_s_at	1.3703	0.017404171
DFNA5	203695_PM_s_at	-1.21601	0.017470853
CRB3	232609_PM_at	-1.21494	0.01748817
MINA	213188_PM_s_at	-1.21071	0.017505787
UGT2A3	219948_PM_x_at	-1.55633	0.017547319
KIAA0240	213208_PM_at	1.20898	0.017578395
EIF4EBP1	221539_PM_at	-1.24367	0.017603843
RASSF9	210335_PM_at	1.21036	0.017613886
NFIB	209289_PM_at	-1.30739	0.017621888
C19orf63	224727_PM_at	-1.20528	0.017629679
CTBS	218923_PM_at	-1.23726	0.017684821
RASL12	219167_PM_at	1.25509	0.017705975
LOC388796	65588_PM_at	1.26315	0.017755708
CSTF1	202190_PM_at	-1.23839	0.017862774
C12orf60	229888_PM_at	-1.23744	0.017880766

MORF4L2	243683_PM_at	1.37642	0.017895401
INPPL1	201598_PM_s_at	-1.20771	0.017906297
SSX2IP	203015_PM_s_at	-1.26797	0.017974081
PCDP1	231043_PM_at	1.2752	0.018004721
ABCG1	204567_PM_s_at	1.25946	0.018007828
KLRG1	210288_PM_at	1.21535	0.018028112
CD99	201028_PM_s_at	1.25935	0.018041739
YWHAH	201020_PM_at	1.40239	0.018042441
SPRY1	212558_PM_at	1.25656	0.018057032
CALCRL	206331_PM_at	1.21463	0.018092036
PRKRA /// PRKRAP1	237107_PM_at	1.28519	0.018104009
CBX6	202047_PM_s_at	1.22079	0.01812721
C14orf147	212460_PM_at	-1.27935	0.01812795
TMEM9B	222507_PM_s_at	-1.56291	0.018149324
CLUAP1	204576_PM_s_at	-1.22461	0.018152026
GPRIN3	1556698_PM_a_at	1.23015	0.01819838
KIAA1737	225623_PM_at	-1.28345	0.018210707
PTPLAD2	244050_PM_at	1.31819	0.018212529
ZNF641	226509_PM_at	1.25572	0.018240025
RBBP8	203344_PM_s_at	1.286	0.018307131
REG1B	205886_PM_at	1.4129	0.018364435
SMARCA2	206542_PM_s_at	-1.46089	0.018366812
COL27A1	225288_PM_at	1.37404	0.018427452
SP3	213168_PM_at	1.26454	0.018488381
NUP98 /// PHF23	1555789_PM_s_at	-1.25133	0.018510718
SERPINF1	202283_PM_at	1.44572	0.018516
MNS1	219703_PM_at	1.43441	0.018537907
ZBTB26	227162_PM_at	1.23609	0.018612225
NEK4	204634_PM_at	-1.22637	0.018616786
KIAA1267	225117_PM_at	1.25511	0.018653655
NFASC	213438_PM_at	1.23991	0.018653657
CRHR1	214619_PM_at	-1.20016	0.018668002
GABARAPL1 /// GABA	211458_PM_s_at	-1.30792	0.018693877
TMOD2	226186_PM_at	1.27373	0.01870678
GFPT2	205100_PM_at	1.32651	0.018712588
RASGRP3	205801_PM_s_at	1.20044	0.018713184
MCM6	201930_PM_at	1.26219	0.018754343
CASR	210577_PM_at	-1.22137	0.018762577
HNRNPU	200594_PM_x_at	1.21685	0.018794356
GPX7	213170_PM_at	1.24731	0.018825699
MMP2	201069_PM_at	1.20056	0.018831201
ZNF302	218490_PM_s_at	1.23068	0.018838817
AP1G1	203350_PM_at	-1.24412	0.018858116
C7orf29	227598_PM_at	1.22453	0.018867061
GRIP1	235957_PM_at	1.21797	0.018920524
SIN3A	225135_PM_at	1.22679	0.018980237
AP3B1	203141_PM_s_at	-1.24785	0.019010337

LNX1	223611_PM_s_at	-1.22918	0.01902633
NAA50	217745_PM_s_at	-1.2093	0.019064382
C7orf63	219455_PM_at	-1.23168	0.019064538
CCNG2	202769_PM_at	-1.30651	0.019083515
NFATC1	208196_PM_x_at	1.255	0.019118864
COPG2IT1	213486_PM_at	-1.26292	0.019147115
GPATCH8	212485_PM_at	1.26075	0.019188361
LOC100288442 /// LO	221992_PM_at	1.36954	0.019219281
TMEM64	225972_PM_at	-1.23311	0.019230971
ARID5A	213138_PM_at	1.24296	0.019249013
TRIM73	1554250_PM_s_at	1.35924	0.019353764
TRIM56	231876_PM_at	1.32707	0.01936909
S100A16	227998_PM_at	1.20191	0.019461209
TMEM100	219230_PM_at	1.25132	0.019471366
TBC1D3 /// TBC1D3C	209403_PM_at	1.34206	0.019485621
DENND4A	214787_PM_at	1.20712	0.019486718
MCM2	202107_PM_s_at	1.2474	0.019490311
FLJ38717	229914_PM_at	1.22455	0.019555384
GJA5	226701_PM_at	-1.34258	0.019591233
ZNRF3	226360_PM_at	-1.40875	0.019601326
TSPAN3	200972_PM_at	-1.44664	0.019638792
TSPAN31	203226_PM_s_at	-1.2044	0.019651832
PFKFB3	202464_PM_s_at	1.41802	0.019727588
AIP	201781_PM_s_at	-1.26706	0.019749872
GREM1	218468_PM_s_at	1.62093	0.01980212
CNTN3	229831_PM_at	-1.38382	0.019911274
RFC1	208021_PM_s_at	-1.22922	0.019913806
GKAP1	229311_PM_at	-1.23324	0.0200036
DDI2	238519_PM_at	-1.31866	0.02001733
C6orf57	238504_PM_at	-1.21981	0.020034295
SMU1	218393_PM_s_at	-1.22869	0.020160267
MYOF	201798_PM_s_at	1.48765	0.020183921
CEP70	219036_PM_at	-1.30755	0.020236341
STX18	218763_PM_at	-1.20922	0.020247331
TIMP2	203167_PM_at	1.31149	0.020269657
MT1H /// MT1P2	206461_PM_x_at	-1.333	0.020349646
IRF3	202621_PM_at	1.23959	0.020370029
LOC100129447	1559618_PM_at	1.28857	0.020396119
HEY1	218839_PM_at	-1.30616	0.020396793
GAS1	204457_PM_s_at	-1.34145	0.020397665
SFRS7	201129_PM_at	1.20461	0.020405741
TCEAL2	211276_PM_at	-1.41768	0.020448726
LRRC41	201932_PM_at	-1.31197	0.020471852
KRT7	209016_PM_s_at	1.21061	0.0205015
ZFC3H1	213065_PM_at	1.22295	0.020518584
BCAS3	220488_PM_s_at	-1.2003	0.02063863
GSTM2	204418_PM_x_at	-1.20746	0.020739157

EDNRA	204463_PM_s_at	1.29178	0.020791376
SPIB	205861_PM_at	1.23706	0.020827249
ZNF767	219627_PM_at	1.21172	0.020843344
CTSE	205927_PM_s_at	1.25469	0.020862274
FAM108C1	225436_PM_at	-1.30574	0.020868037
SV2B	205551_PM_at	1.22753	0.020968266
LOC644246	229857_PM_s_at	-1.24808	0.021003861
CDK4	202246_PM_s_at	-1.20602	0.021074072
C2orf89	227867_PM_at	1.3017	0.021107832
TACSTD2	202286_PM_s_at	1.52471	0.021137934
PAPOLG	222273_PM_at	1.21859	0.021156419
HMOX1	203665_PM_at	-1.50514	0.02115858
CYorf15B	214131_PM_at	1.63395	0.021172386
NAPA	206491_PM_s_at	-1.23739	0.021253699
FRMD6	225464_PM_at	1.38429	0.021270171
PI4KA	207081_PM_s_at	-1.21473	0.021325583
ASAP2	206414_PM_s_at	-1.26382	0.021346632
MAP4K3	218311_PM_at	-1.31362	0.021363338
ZC3H8	223506_PM_at	-1.22579	0.021373654
TTL	224896_PM_s_at	1.22432	0.021384703
LOC100287616	232752_PM_at	1.31042	0.021385871
ITGA11	222899_PM_at	1.2311	0.021537542
HSPH1	206976_PM_s_at	-1.23733	0.02154915
SLC47A2	231068_PM_at	-1.72718	0.021604264
MCL1	200796_PM_s_at	1.29865	0.02176981
CCT6P1 /// CCT6P3	227301_PM_at	1.2249	0.021773716
SPATA13	225564_PM_at	1.27449	0.021774497
LOC389765	230815_PM_at	1.26542	0.02182983
CPNE2	225129_PM_at	1.22366	0.021831715
HSD11B1	205404_PM_at	1.29806	0.021846153
NKAIN4	228017_PM_s_at	1.62962	0.021915294
LOH3CR2A	220244_PM_at	1.2752	0.021944415
CDR2L	213230_PM_at	1.20191	0.021951709
CLEC3B	205200_PM_at	-1.36918	0.021975718
PNO1	203622_PM_s_at	-1.30854	0.022002541
WDR20	227541_PM_at	-1.24322	0.022054728
CHMP1B	218177_PM_at	-1.21327	0.022087218
SEMA3F	206832_PM_s_at	-1.23105	0.022139266
LYPD1	212909_PM_at	1.22857	0.022146624
PIK3C2B	204484_PM_at	1.27143	0.022197189
MEST	202016_PM_at	1.24771	0.02233107
C17orf97	229238_PM_at	-1.2899	0.022402465
ARFGEF1	202955_PM_s_at	-1.35798	0.022457622
ZNF518B	226909_PM_at	1.20986	0.022459241
USP54	227334_PM_at	1.22667	0.022459256
EXOC3L2	1552889_PM_a_at	-1.20796	0.022547645
NCAPD2	201774_PM_s_at	1.24283	0.022635691

GRB14	206204_PM_at	-1.44223	0.022641048
PEG3	209242_PM_at	-1.39662	0.02264501
C1orf103	220235_PM_s_at	1.26804	0.022686327
ZRANB1	225130_PM_at	-1.20308	0.022821425
ZC3H15	201593_PM_s_at	-1.24235	0.022867408
RNASE4	205158_PM_at	-1.27308	0.02289631
LOC100131564	227074_PM_at	1.262	0.022927256
IL1RL1	207526_PM_s_at	-1.54004	0.022995226
FGF13	205110_PM_s_at	1.23823	0.023062197
SLC39A6	202088_PM_at	-1.35082	0.023070388
CGN	223232_PM_s_at	-1.29856	0.023083817
SLC17A1	206872_PM_at	-1.59769	0.023085766
GCH1	204224_PM_s_at	-1.28402	0.023090089
SR140	212058_PM_at	1.25722	0.023096288
DUX4 /// LOC441056	216473_PM_x_at	-1.23812	0.023097508
CCDC58	235244_PM_at	-1.31325	0.023120897
NQO1	201467_PM_s_at	-1.41775	0.023139874
RBM18	225236_PM_at	-1.22589	0.023366462
HMGCR	202539_PM_s_at	-1.23345	0.02338752
CFDP1	203166_PM_at	1.36314	0.023614291
CCDC71	219893_PM_at	-1.26198	0.023628624
KIAA1245 /// LOC100	213612_PM_x_at	1.26259	0.023653265
GAA	202812_PM_at	-1.23608	0.023676222
TPK1	221218_PM_s_at	1.25387	0.023685772
TIAM1	206409_PM_at	1.20057	0.023722097
C19orf46	235515_PM_at	-1.27641	0.023731826
LOC100287529	1570566_PM_at	1.31846	0.023755493
ADARB1	203865_PM_s_at	-1.20248	0.0237871
ELOVL7	227180_PM_at	-1.23254	0.023874275
IQGAP1	200791_PM_s_at	1.27356	0.023884088
ZFAND1	218919_PM_at	-1.2023	0.023886655
NOP58	223096_PM_at	1.25623	0.023894414
CTNNA1	200764_PM_s_at	-1.22932	0.023903947
C14orf139	219563_PM_at	1.35093	0.024003401
LOC286434	222196_PM_at	1.27801	0.024006238
LOC390998	216589_PM_at	1.21597	0.024037087
DCAF6	232349_PM_x_at	-1.26991	0.024039755
FAM20B	202915_PM_s_at	-1.23412	0.024083603
PRSS1 /// PRSS2 /// P	216470_PM_x_at	-1.2625	0.024103098
CD46	207549_PM_x_at	-1.4578	0.024305992
CPNE5	227189_PM_at	1.20941	0.02432834
C19orf22	221764_PM_at	1.32885	0.024460064
AMPH	205257_PM_s_at	-1.23215	0.024467714
SPATA2L	214965_PM_at	-1.2449	0.024556819
ARID2	225486_PM_at	1.20589	0.024692716
STK39	202786_PM_at	1.23005	0.024753565
TMTC2	235775_PM_at	1.31932	0.02479912

SLC25A32	221020_PM_s_at	-1.20332	0.024821997
SUV420H2	224431_PM_s_at	-1.20113	0.024857415
C11orf86	233938_PM_at	-1.20821	0.025042295
TBC1D12	221858_PM_at	1.24399	0.025060048
YIPF2	219075_PM_at	-1.21862	0.02508397
VPREB3	220068_PM_at	1.45366	0.025094323
ORMDL1	223187_PM_s_at	1.27761	0.025135349
DNAJB6 /// TMEM135	208810_PM_at	-1.34252	0.025168017
ESRP2	219395_PM_at	-1.24493	0.025239294
TNFSF4	207426_PM_s_at	1.20211	0.025351748
BAZ2B	203080_PM_s_at	1.21187	0.025352452
OLFML3	218162_PM_at	-1.36864	0.025359513
HSPBAP1	219284_PM_at	1.24053	0.025411481
IFT172	226324_PM_s_at	-1.24986	0.025411872
NUP85	218014_PM_at	1.23814	0.02558453
SERTAD1	223394_PM_at	1.22958	0.025597766
FAM46C	220306_PM_at	1.29551	0.025638195
PDGFRB	202273_PM_at	1.23651	0.025645677
ISLR	207191_PM_s_at	1.3092	0.025689447
KRT23	218963_PM_s_at	1.24621	0.025706312
FRAT2	209864_PM_at	1.2092	0.025818644
LGALS3BP	200923_PM_at	1.23102	0.025949702
DOCK6	221794_PM_at	1.20481	0.026195435
ENO1	201231_PM_s_at	-1.42401	0.026210498
GALNT12	218885_PM_s_at	-1.22911	0.026299531
TMEFF2	223557_PM_s_at	1.29079	0.026301889
ARFIP2	202109_PM_at	-1.21296	0.026427411
FYTTD1	224641_PM_at	-1.29717	0.026471814
ZMYM2	202778_PM_s_at	1.21828	0.026549604
C10orf79	231084_PM_at	1.20594	0.026580136
SLC39A10	225295_PM_at	1.21018	0.026636817
TMEM38A	222896_PM_at	-1.37058	0.026697144
C5orf51	226159_PM_at	-1.23606	0.026791928
ASRGL1	218857_PM_s_at	-1.31054	0.026820507
WRN	205667_PM_at	1.20793	0.02686579
AQP9	205568_PM_at	1.2412	0.026902677
KLHL13	227875_PM_at	1.36877	0.026906012
SGPP2	238567_PM_at	1.26484	0.026916543
TMEM189-UBE2V1 //	201001_PM_s_at	1.20166	0.02691723
MEIS3P1	214077_PM_x_at	1.26995	0.026962671
KCNJ13	210179_PM_at	-1.24359	0.027025217
FKSG73	224425_PM_x_at	1.20666	0.027059561
R3HDM2	203831_PM_at	-1.20023	0.027248835
GALNT14	219271_PM_at	-1.30992	0.027296791
DNAJC16	212908_PM_at	-1.20427	0.027391376
RG9MTD1	223267_PM_at	-1.23146	0.027480816
GTF2F1	202354_PM_s_at	-1.21208	0.027483867

SGTB	228745_PM_at	1.26604	0.027486784
FTSJD1	222811_PM_at	-1.22142	0.027533256
EMP1	201324_PM_at	1.2422	0.027602172
HKDC1	220585_PM_at	-1.21983	0.027602356
KIAA1245 /// LOC2001	1562062_PM_at	1.35303	0.027707839
TMEM133	223595_PM_at	-1.20442	0.027758945
SFRS18	212176_PM_at	1.21745	0.027768109
FAM129C	230983_PM_at	1.25466	0.027876714
C12orf32	225836_PM_s_at	1.20569	0.027944917
KIAA0776	212633_PM_at	-1.25543	0.027990751
ROBO3	219550_PM_at	1.27066	0.027991276
IPO7	200992_PM_at	-1.20446	0.027997572
SYNC	221276_PM_s_at	1.4263	0.028014667
CHIC1	228345_PM_at	-1.21837	0.028153924
C14orf143	214264_PM_s_at	-1.26571	0.028264934
TOMM40	202264_PM_s_at	-1.20144	0.028303804
CFI	203854_PM_at	-1.47471	0.028410662
METAP2	209861_PM_s_at	1.24619	0.028411901
AGA	204332_PM_s_at	-1.28907	0.028424768
ZNF862	213444_PM_at	1.2551	0.028427398
SLC8A1	235518_PM_at	-1.26613	0.028493028
GIN51	206102_PM_at	1.26811	0.028617632
ICAM3	204949_PM_at	1.22948	0.028704951
LOC100128510	242633_PM_x_at	1.21119	0.02875811
MT1F	213629_PM_x_at	-1.364	0.028873567
ANKRD12	212286_PM_at	1.26879	0.028888011
MUC1	207847_PM_s_at	1.50526	0.028897572
NME5	206197_PM_at	-1.33829	0.028925171
MYO5B	225299_PM_at	-1.23131	0.02894922
FLJ10038	205510_PM_s_at	1.3123	0.029009564
DIRAS3	215506_PM_s_at	-1.34786	0.029092431
NXT1	218708_PM_at	1.22931	0.029097771
ARHGAP18	225166_PM_at	-1.33583	0.029133795
C9orf150	227443_PM_at	1.26816	0.029194646
TCF7L2	212759_PM_s_at	-1.25949	0.029229268
NAT14	223284_PM_at	1.29673	0.029258847
RBM38	212430_PM_at	-1.20922	0.029287972
MSLN	204885_PM_s_at	1.21231	0.029356794
DKFZP434I0714	231954_PM_at	1.23641	0.02938788
C10orf99	227735_PM_s_at	1.24994	0.029419849
SEC11C	223299_PM_at	1.20184	0.029422577
CEP192	218827_PM_s_at	1.27971	0.029457752
PDS5B	204742_PM_s_at	1.23473	0.029470531
TGFBR1	224793_PM_s_at	1.20367	0.02947104
CR1 /// CR1L	239205_PM_s_at	1.30759	0.029514881
BOD1L	225821_PM_s_at	1.37973	0.029618844
C8orf4	218541_PM_s_at	1.25333	0.029711958

TTY14	224003_PM_at	-1.22862	0.029890707
TMEM52	230467_PM_at	-1.25565	0.029892823
SLC22A3	205421_PM_at	1.2116	0.02989432
PPAPDC3	224506_PM_s_at	-1.25287	0.029908841
PCDH12	219656_PM_at	1.22284	0.029958248
PBK	219148_PM_at	1.21734	0.029982686
TRNT1	222754_PM_at	-1.22598	0.030051647
DNMBP	212838_PM_at	-1.22633	0.030084573
CLDN11	206908_PM_s_at	1.22053	0.030196039
KRIT1	204738_PM_s_at	-1.20587	0.030376632
TP53I3	210609_PM_s_at	-1.21192	0.030386074
MED18	219730_PM_at	-1.22991	0.030415183
DNAJC3	208499_PM_s_at	1.31164	0.03051983
KANK4	229125_PM_at	-1.28729	0.030622378
HECTD2	227568_PM_at	1.3964	0.030632153
EDN2	206758_PM_at	1.20582	0.030657193
RGS8 /// SDHAP3	234297_PM_at	1.2148	0.030660182
AP2M1	200613_PM_at	-1.40015	0.030660277
DUSP3	201536_PM_at	-1.21894	0.030755552
LZTFL1	218437_PM_s_at	-1.23336	0.030838067
COMMD4	206441_PM_s_at	-1.21694	0.031029036
KRT19	201650_PM_at	1.58114	0.031279407
FAM122B	222673_PM_x_at	1.23622	0.031453568
GTSF1	227711_PM_at	1.34488	0.031474795
EIF2C2	213310_PM_at	1.2343	0.031779837
OGN	218730_PM_s_at	-1.66942	0.031836666
DMTF1	203301_PM_s_at	1.21428	0.031868085
SMG1	210057_PM_at	1.23098	0.031876717
SFRS1	201741_PM_x_at	-1.37865	0.031902391
TMEM56	234980_PM_at	-1.2327	0.032012425
GNPTAB	212959_PM_s_at	-1.2494	0.032013834
DPY19L2	230158_PM_at	-1.29677	0.032038186
FCER1A	211734_PM_s_at	1.25307	0.032040078
TOR1AIP1	212408_PM_at	-1.23323	0.032108929
RSPO3	228186_PM_s_at	1.4906	0.032158602
FLRT2	204358_PM_s_at	1.25038	0.032159746
ST6GALNAC2	204542_PM_at	-1.32495	0.032204643
PLLP	204519_PM_s_at	-1.26317	0.032417513
NRN1	218625_PM_at	1.22405	0.032528874
LOC344887	241418_PM_at	-1.29807	0.03266795
VILL	209950_PM_s_at	1.20518	0.032770973
SPARCL1	200795_PM_at	1.26379	0.032799482
SEC14L1	202082_PM_s_at	1.21952	0.032912135
TIE1	204468_PM_s_at	1.27896	0.032981247
PLEKHH2	227148_PM_at	1.27112	0.033045717
ANAPC4	226917_PM_s_at	1.21911	0.033112988
PMS2L2	214757_PM_at	1.2176	0.03311459

HTATSF1	202601_PM_s_at	-1.20817	0.033192281
BLOC1S1	202592_PM_at	-1.27069	0.033208251
ZFYVE21	219929_PM_s_at	-1.44021	0.033254147
TMEM11	203437_PM_at	-1.20133	0.033313829
C20orf30	220477_PM_s_at	-1.6059	0.03343007
TGFB111	209651_PM_at	1.21873	0.03343311
POLE3	208828_PM_at	-1.24188	0.033443265
FAM22F /// FAM22G	234414_PM_at	-1.21452	0.033498392
RIPK4	221215_PM_s_at	-1.32456	0.033511277
HLTF	202983_PM_at	-1.2399	0.033586636
PLCD4	224505_PM_s_at	-1.37091	0.03365257
PRSS23	202458_PM_at	1.25171	0.033687774
NFIA	224975_PM_at	-1.30523	0.033732902
VNN1	205844_PM_at	-1.45784	0.033759519
KCTD3	217894_PM_at	-1.24877	0.033780642
CDKN1C	213182_PM_x_at	-1.23555	0.033782426
RBMS1	203748_PM_x_at	1.21289	0.033815686
C19orf21	212925_PM_at	-1.24028	0.033823293
PRPF3	202251_PM_at	1.2198	0.033938617
TOR1A	202348_PM_s_at	-1.22583	0.033947241
ZNF581	223389_PM_s_at	1.22082	0.033953071
CXorf38	228700_PM_at	1.23878	0.033963043
SWAP70	209306_PM_s_at	1.31491	0.034030214
PPP1R12A	201602_PM_s_at	1.24854	0.034060664
CDV3	212010_PM_s_at	1.34661	0.034088604
OAS1	202869_PM_at	1.35534	0.034123305
ARGLU1	218067_PM_s_at	1.22553	0.034246199
LOC404266	230743_PM_at	-1.24936	0.034247681
TNFSF11	210643_PM_at	1.33487	0.034261372
FADS3	204257_PM_at	1.21155	0.034284402
XRN1	225814_PM_at	1.22225	0.034315113
C14orf142	223273_PM_at	-1.29836	0.034356467
SUSD4	219389_PM_at	-1.22703	0.034428176
GMPPA	218070_PM_s_at	-1.2048	0.03447707
SAE1	217946_PM_s_at	-1.32917	0.034478135
SMC4	201663_PM_s_at	1.29763	0.034515485
SIM1	206876_PM_at	-1.28503	0.034661278
NUDT21	202697_PM_at	-1.20967	0.034709807
FRG1 /// FRG1B /// LC	235535_PM_x_at	1.25205	0.034771241
TOB1	202704_PM_at	-1.34605	0.034947529
RRAGB	205540_PM_s_at	-1.22705	0.034972437
RNF183	235153_PM_at	-1.53144	0.035152137
PEX2	210296_PM_s_at	-1.20515	0.03520073
MELK	204825_PM_at	1.24379	0.035285514
INADL	214493_PM_s_at	-1.20269	0.035505097
FAM101B	226876_PM_at	1.2628	0.035508085
MTUS1	212093_PM_s_at	-1.28903	0.035707679

ENGASE	220349_PM_s_at	1.20016	0.035728078
MST1P9	213380_PM_x_at	-1.35684	0.035768408
NUDT19	235384_PM_at	-1.32862	0.0359294
HLA-DRB4	209728_PM_at	1.66865	0.035995994
LOC100288418	238199_PM_x_at	-1.20224	0.03603901
LOC151534	238422_PM_at	-1.21033	0.03604662
FMO2	211726_PM_s_at	-1.37749	0.036048234
MTF2	203345_PM_s_at	1.21196	0.036052387
ZBTB33	226255_PM_at	1.21945	0.036055163
UTS2	220784_PM_s_at	1.3277	0.036061309
ITGB5	201124_PM_at	-1.24796	0.036073539
FAM114A2	218588_PM_s_at	-1.214	0.036099743
SNHG5	225155_PM_at	1.22616	0.036181629
PAMR1	213661_PM_at	1.36048	0.036288917
TMEM45B	226226_PM_at	-1.38502	0.036369041
FLVCR1	222906_PM_at	1.21487	0.03649082
NR3C2	205259_PM_at	-1.20294	0.036491379
CLK1	214683_PM_s_at	1.27561	0.036707867
EMX2OS	230963_PM_at	-1.29438	0.036708239
SSPN	204963_PM_at	1.32192	0.036782879
OPA1	212213_PM_x_at	-1.2492	0.036867805
GFRA1	205696_PM_s_at	1.20895	0.037036892
GPR133	232267_PM_at	1.26909	0.037271868
PSMD10	219485_PM_s_at	-1.23075	0.037369721
LOC145474	230505_PM_at	1.20222	0.037443176
LOC728061	233599_PM_at	1.24634	0.037491575
NANOS1	228523_PM_at	-1.22496	0.037506629
SLC31A2	204204_PM_at	-1.23244	0.03757789
LOC100272216	213089_PM_at	1.34672	0.03765884
AP2S1	202120_PM_x_at	-1.20209	0.03768355
FBLN2	203886_PM_s_at	1.33772	0.038031518
HNRNPA2B1	205292_PM_s_at	1.25768	0.038407318
FAM45A	225351_PM_at	-1.25264	0.038410213
MUC19	1553436_PM_at	1.21608	0.038714666
ZNF559	224518_PM_s_at	1.26408	0.038725182
KCNMB4	219287_PM_at	-1.20698	0.03879426
REV3L	208070_PM_s_at	1.27758	0.038816262
ZNF638	211257_PM_x_at	1.25729	0.039071329
IGF1	209540_PM_at	1.47151	0.03910565
DOK4	207747_PM_s_at	-1.24919	0.039107725
CAPG	201850_PM_at	1.20279	0.039258644
LOC100288496	215778_PM_x_at	-1.2194	0.039259933
HIST1H2AC	215071_PM_s_at	-1.22518	0.039382059
OAZ2	201364_PM_s_at	-1.23217	0.039478581
LOC728264	227183_PM_at	1.32208	0.039536159
ALX1	206837_PM_at	1.34501	0.03977007
KPNA5	206241_PM_at	1.28556	0.039893515

RANBP9	202582_PM_s_at	-1.2727	0.039979268
TMEM159	213272_PM_s_at	-1.25687	0.039993111
BAMBI	203304_PM_at	-1.23269	0.039999381
KIAA1324	221874_PM_at	1.23608	0.040030431
TPM1	206116_PM_s_at	1.44807	0.040046141
RNGTT	204207_PM_s_at	1.20868	0.04010468
TM4SF1	209386_PM_at	1.29825	0.04011957
ZNF423	214761_PM_at	1.26528	0.040359829
PRRX1	205991_PM_s_at	1.33113	0.040459301
DPCD	226009_PM_at	-1.20934	0.040591571
COBLL1	203641_PM_s_at	-1.36156	0.040819477
FAM71E1	229289_PM_at	-1.21853	0.041067261
BHLHE22	228636_PM_at	1.20054	0.041173324
INSIG1	201625_PM_s_at	-1.26499	0.041200701
SLC35E2	215169_PM_at	1.25702	0.041212209
SCGB2A1	205979_PM_at	1.28663	0.041382086
TMEM90B	219310_PM_at	-1.20366	0.041601453
HLA-DQA1	203290_PM_at	1.91741	0.041812133
CDK2AP2	203252_PM_at	1.27113	0.041870881
MGC16121 /// MIR50	227488_PM_at	-1.22225	0.041872721
LAMA2	205116_PM_at	1.25899	0.041911721
CCDC102B	220301_PM_at	1.25541	0.042148139
CHODL	219867_PM_at	1.4302	0.042171199
CCL11	210133_PM_at	1.41848	0.042204686
MMP3	205828_PM_at	1.53334	0.042235732
ARAP3	218950_PM_at	1.20607	0.042726215
C10orf116	203571_PM_s_at	-1.23696	0.042800397
BCLAF1	201083_PM_s_at	1.23569	0.042820364
CGGBP1	206861_PM_s_at	-1.20681	0.042907026
RPL38	202028_PM_s_at	1.23215	0.04295833
WDR70	219193_PM_at	-1.23321	0.043077838
ZBTB38	219221_PM_at	1.21624	0.043155536
PGM3	210041_PM_s_at	-1.23421	0.043237172
CNN3	201445_PM_at	-1.22656	0.043512441
HCFC1R1	218537_PM_at	1.20206	0.043719951
SPOCK1	202363_PM_at	-1.31672	0.043905094
UXS1	219675_PM_s_at	-1.26924	0.044174924
MCOLN1	219952_PM_s_at	-1.23155	0.044693407
C1orf106	219010_PM_at	-1.25639	0.044762585
	1-Sep 227552_PM_at	1.20569	0.045087885
DOK5	214844_PM_s_at	1.21708	0.045339521
DLG1	202514_PM_at	-1.24475	0.045674413
GSTT2	205439_PM_at	-1.23147	0.045722809
SLC38A1	218237_PM_s_at	1.21923	0.045800466
FAM36A /// HOXA7	206848_PM_at	1.25495	0.046158582
FAM199X	225216_PM_at	-1.26447	0.046184096
FMOD	202709_PM_at	1.27104	0.04622912

ACPP	204393_PM_s_at	-1.35795	0.046235207
GDI2	200008_PM_s_at	-1.22373	0.046462838
KDM5D	206700_PM_s_at	1.72535	0.046563264
MT1X	204326_PM_x_at	-1.27509	0.046627894
LOC134466	244289_PM_at	-1.21146	0.046677563
SP4	236265_PM_at	1.25024	0.046792988
HIRA	217427_PM_s_at	-1.36311	0.046900924
RHOBTB3	202975_PM_s_at	-1.25131	0.046931911
CDH11	207172_PM_s_at	1.28159	0.047243085
C4orf7	229152_PM_at	1.49786	0.047317855
PNN	212036_PM_s_at	1.2221	0.047373816
FAM86B1 /// FAM86C	65585_PM_at	-1.24824	0.047588177
STARD13	213103_PM_at	1.20238	0.047743514
GTF2H2	223758_PM_s_at	-1.33776	0.048037276
ADSS	221761_PM_at	-1.25049	0.048569355
FAM60A /// LOC7281	223038_PM_s_at	1.32738	0.048613071
RGL4	235816_PM_s_at	1.25495	0.048664741
HDHD1A	203974_PM_at	-1.22034	0.049034264
HEPH	203903_PM_s_at	1.34186	0.049141292
GULP1	204235_PM_s_at	-1.24805	0.049350392
LEO1	235096_PM_at	-1.23856	0.049560498
ZNF217	203739_PM_at	1.20664	0.049650334
CREB3	209432_PM_s_at	-1.21286	0.04966465
RBM6	201967_PM_at	1.3505	0.049667798
THBS1	201108_PM_s_at	-1.30108	0.049698096
SELM	226051_PM_at	1.24847	0.049857318

DEGs Identified Matlab/Our data processing

Gene Symbol	Probeset	FoldChanges	logFC	FDR
LOC100131781	240320_PM_at	-6.8	2.8	1.9E-14
ALB	211298_PM_s_at	-6.7	2.7	3.7E-11
AFM	206840_PM_at	-5.6	2.5	8.3E-12
APOH	205216_PM_s_at	-5.3	2.4	5.6E-11
FAM151A	1554668_PM_a_at	-4.9	2.3	1.9E-08
KLK1	216699_PM_s_at	-4.7	2.2	1.9E-14
SLC7A13	238287_PM_at	-4.6	2.2	8.8E-07
LPA /// PLG	209978_PM_s_at	-4.4	2.1	1.7E-07
CTXN3	231391_PM_at	-4.3	2.1	1.1E-08
MRO	224232_PM_s_at	-4.3	2.1	9.2E-15
RHD12	242998_PM_at	-4.3	2.1	6.3E-10
GP98	223582_PM_at	-4.0	2.0	3.9E-11
SLCGA19	231021_PM_at	-4.0	2.0	1.3E-12
HPD	206024_PM_at	-3.9	1.9	8.0E-07
PLG	209977_PM_at	-3.6	1.8	3.0E-07
TMEM174	231623_PM_at	-3.5	1.8	1.9E-08
SLC22A8	221298_PM_s_at	-3.5	1.8	1.0E-07
CYP4F2	210452_PM_x_at	-3.4	1.8	2.7E-07
DAO	206878_PM_at	-3.4	1.8	1.6E-09
SERPINA6	206325_PM_at	-3.4	1.8	1.3E-11
PRODH2	216696_PM_s_at	-3.4	1.8	6.3E-09
CYP4F2 /// CYP4F3	206514_PM_s_at	-3.3	1.7	4.9E-09
CYP2B6 /// CYP2B7P1	206754_PM_s_at	-3.3	1.7	1.1E-07
MIOX	224179_PM_s_at	-3.3	1.7	1.3E-07
GGPC	206952_PM_at	-3.2	1.7	2.3E-09
AGXT2L1	221008_PM_s_at	-3.2	1.7	6.4E-10
HAO2	220801_PM_s_at	-3.2	1.7	1.4E-07
PAH	205719_PM_s_at	-3.2	1.7	8.3E-08
EGF	206254_PM_at	-3.2	1.7	3.2E-08
UPP2	231376_PM_at	-3.1	1.7	1.9E-07
UGT1A8 /// UGT1A9	221305_PM_s_at	-3.1	1.6	8.2E-05
NECB2	215005_PM_at	-3.1	1.6	3.0E-20
MAPT	203928_PM_x_at	-3.1	1.6	1.3E-12
DHHD	231416_PM_at	-3.1	1.6	3.6E-10
DPEP1	205983_PM_at	-3.0	1.6	1.5E-08
SOST	223869_PM_at	-3.0	1.6	5.0E-10
C9orf66	1552755_PM_at	-3.0	1.6	1.3E-08
DIO1	206457_PM_s_at	-3.0	1.6	1.5E-06
XPNPEP2	206484_PM_s_at	-3.0	1.6	3.3E-07
HRG	206226_PM_at	-3.0	1.6	6.1E-11
TMEM207	237639_PM_at	-2.9	1.6	9.4E-08
LOC145837	239594_PM_at	-2.9	1.5	4.7E-09
ASB9	205673_PM_s_at	-2.9	1.5	6.9E-12
CYP3A7	205939_PM_at	-2.9	1.5	8.9E-13
PNPLA3	220675_PM_s_at	-2.9	1.5	2.2E-13
FABP1	205892_PM_s_at	-2.9	1.5	1.5E-08
SLC22A6	210343_PM_s_at	-2.8	1.5	2.0E-07
ABP1	203559_PM_s_at	-2.8	1.5	9.8E-08
LOC727944	231256_PM_at	-2.8	1.5	9.5E-07
SLC23A1	223732_PM_at	-2.8	1.5	7.5E-08
SLC12A3	208354_PM_s_at	-2.8	1.5	6.7E-10
ACP5	204638_PM_at	-2.8	1.5	9.2E-12
PROZ	208034_PM_s_at	-2.8	1.5	7.5E-10
OStalpha	229230_PM_at	-2.8	1.5	7.1E-10
FOLH1B	211303_PM_x_at	-2.8	1.5	3.7E-09
AMDHD1	229596_PM_at	-2.8	1.5	8.2E-10
SLCSA11	237254_PM_at	-2.8	1.5	1.2E-10
UPB1	220238_PM_s_at	-2.7	1.5	1.3E-14
CRYAA	210199_PM_at	-2.7	1.5	1.7E-06
SLC39A5	231667_PM_at	-2.7	1.5	5.8E-09
SLC10A2	207095_PM_at	-2.7	1.4	1.5E-08
TRIM50	1556554_PM_at	-2.7	1.4	5.0E-16
FTCD	220604_PM_x_at	-2.7	1.4	1.9E-07
PKC2	202847_PM_at	-2.7	1.4	2.3E-08
SLC34A1	208177_PM_at	-2.7	1.4	3.2E-09
MME	203434_PM_s_at	-2.7	1.4	2.5E-07
ENPP6	229916_PM_at	-2.7	1.4	2.2E-07
FM04	206263_PM_at	-2.7	1.4	4.7E-12
GGT6	236225_PM_at	-2.7	1.4	1.6E-08
CALB1	205625_PM_s_at	-2.7	1.4	8.9E-05
DNMT3L	220139_PM_at	-2.6	1.4	1.7E-10
TM45F5	206242_PM_at	-2.6	1.4	2.3E-11
CDHR5	220074_PM_at	-2.6	1.4	2.2E-11
KNG1	206054_PM_at	-2.6	1.4	1.3E-07
DDC	205311_PM_at	-2.6	1.4	3.5E-06
SFXN2	227560_PM_at	-2.6	1.4	1.3E-10
KHK	205175_PM_s_at	-2.6	1.4	2.8E-09
PC	204476_PM_s_at	-2.6	1.4	1.2E-10
AGXT	206957_PM_at	-2.6	1.4	1.3E-09
LOC100130691	231540_PM_at	-2.6	1.4	3.5E-07
SLC23A3	230949_PM_at	-2.6	1.4	2.3E-11
LDHD	229241_PM_at	-2.6	1.4	7.9E-11
ANGPTL3	219803_PM_at	-2.6	1.4	4.2E-08
RHCG	219554_PM_at	-2.6	1.4	3.2E-10
DMGDH	231790_PM_at	-2.6	1.4	2.4E-08
C2orf40	223623_PM_at	-2.5	1.3	7.0E-08
NPR3	219789_PM_at	-2.5	1.3	4.0E-08
CALML3	210020_PM_x_at	-2.5	1.3	4.0E-10
ABCC2	206155_PM_at	-2.5	1.3	6.0E-09
CYP4F3	206515_PM_at	-2.5	1.3	3.7E-06
CTS12	210074_PM_at	-2.5	1.3	4.3E-11
PM20D1	239929_PM_at	-2.5	1.3	9.3E-11
APOM	205682_PM_x_at	-2.5	1.3	1.8E-05
PIPOX	221605_PM_s_at	-2.5	1.3	1.2E-05
SLC4A1	205592_PM_at	-2.5	1.3	5.8E-11
RALYL	213967_PM_at	-2.5	1.3	1.6E-08
AZGP1	209309_PM_at	-2.5	1.3	5.7E-07
AZL01	232422_PM_at	-2.5	1.3	8.1E-13
LPPR1	219732_PM_at	-2.5	1.3	5.6E-08
GLYAT	206930_PM_at	-2.4	1.3	5.3E-06
ZGPAT	221848_PM_at	-2.4	1.3	2.5E-09
RAB11FIP3	203933_PM_at	-2.4	1.3	4.7E-10

Validation using LIMMA R package

Symbol	logFC	AveExpr	t	P.Value	adj.P.Val	B
IGH@ /// IGH1A /// IGH2A /// LOC100126583	3.460252	7.670297	8.814848	1.47E-16	7.18E-15	26.99131
IGHM	3.362003	6.814657	9.437391	1.81E-18	1.29E-16	31.30162
LTF	3.348487	8.357379	9.614391	5.06E-19	4.07E-17	32.55436
CXCL9	3.211945	8.354316	9.554767	7.79E-19	5.97E-17	32.13108
SERPINA3	3.09958	7.180949	10.78119	8.62E-23	1.80E-20	41.07431
CXCL11	3.062594	5.532763	9.244188	7.22E-18	4.56E-16	29.94755
GBP5	3.03672	8.855617	12.261	8.52E-28	2.87E-24	52.40005
IGK@ /// IGKC /// LOC100291464	2.986293	7.778287	7.680105	2.90E-13	7.71E-12	19.5717
CXCL11	2.980206	5.677294	9.758016	1.78E-19	1.59E-17	33.57918
---	2.928325	6.6198	7.833252	1.08E-13	3.15E-12	20.53671
CXCL13	2.891909	4.710151	10.25269	4.63E-21	6.14E-19	37.16239
IGH@ /// IGHG1 /// IGHM /// IGHV4-31 /// LOC100290146	2.867179	10.08603	7.618704	4.29E-13	1.09E-11	19.18822
TRBC1	2.816656	7.367997	10.70311	1.56E-22	3.02E-20	40.49133
LOC100293440	2.803875	6.920982	7.679468	2.91E-13	7.73E-12	19.56771
IL23A /// TRBV19	2.795115	6.888583	11.26377	2.12E-24	8.54E-22	44.71301
FAM26F	2.773311	1.9938	11.59039	1.68E-25	1.15E-22	47.20782
MS4A1	2.7488	5.554112	8.15198	1.46E-16	7.14E-15	26.999
FAM26F	2.742572	7.322915	11.7274	5.74E-26	4.23E-23	48.26141
LOC100130100 /// LOC100291464	2.741601	7.030064	7.575946	6.32E-13	1.54E-11	18.8107
CD3D	2.730728	7.071045	11.76407	4.31E-26	4.23E-23	48.54408
IGL@	2.718318	10.55727	7.843755	1.01E-13	2.96E-12	20.60333
ISG20	2.712592	6.108429	12.3776	3.37E-28	1.56E-24	53.31201
IGK@ /// IGKC	2.703768	8.862267	7.696096	2.62E-13	7.04E-12	19.6719
FCGR1B	2.700288	6.653688	11.81981	2.78E-22	3.32E-23	48.97424
IGL@	2.69648	10.22547	7.952414	4.90E-14	1.52E-12	21.30734
IGKV1D-13	2.678661	7.343858	7.883358	7.78E-14	2.33E-12	20.85618
CYAT1 /// IGLV1-44	2.670316	10.16514	8.097187	1.91E-14	6.39E-13	22.22757
CXCL10	2.667202	8.423164	9.470508	1.38E-18	1.01E-16	31.56723
IDO1	2.66574	5.675694	9.80764	1.24E-19	1.14E-17	33.93494
PLAC8	2.66434	6.230094	10.8803	4.05E-23	9.48E-21	41.81665
CD8A	2.631	5.673287	11.75661	4.57E-26	4.23E-23	48.48651
CD52	2.62238	7.743266	9.978588	3.53E-20	3.67E-18	35.16693
CD48	2.612144	7.153118	10.87283	4.29E-23	9.98E-21	41.76062
CCL5	2.609188	7.315278	11.62521	1.28E-25	9.10E-23	47.4752
CCL4	2.603252	5.877155	10.02496	2.51E-20	2.73E-18	35.50278
FCGR1A /// FCGR1C	2.596562	6.632441	11.75675	4.56E-26	4.23E-23	48.48757
LYZ	2.595856	6.923859	7.491154	9.64E-13	2.27E-11	18.39795
IGLV1-44	2.595368	9.952365	8.094238	1.95E-14	6.49E-13	22.20849
IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	2.587955	7.082991	7.419413	1.51E-12	3.45E-11	17.9573
IGLV1-44	2.580116	6.401169	7.717895	2.27E-13	6.20E-12	19.8087
GZMA	2.577886	6.539895	11.17158	4.33E-24	1.48E-21	44.01333
CCL5	2.576242	7.382992	10.48813	7.93E-22	1.30E-19	38.89503
ALOX5	2.565392	7.062315	12.34726	4.29E-28	1.77E-24	53.07465
LILRB1	2.563886	5.463877	12.40831	2.64E-28	1.40E-24	53.55248
IGK@ /// IGKC /// LOC652493 /// LOC652694	2.562967	6.74764	7.806342	1.28E-13	3.68E-12	20.36684
IGLV2-23	2.558205	6.336082	7.584424	5.34E-13	1.33E-11	18.97498
IGL@	2.549874	5.51301	7.46925	1.11E-12	2.58E-11	18.26312
---	2.546851	8.002231	10.67173	1.98E-22	3.78E-20	40.25748
CCL5	2.522623	7.55778	11.5865	1.73E-25	1.16E-22	47.17797
GZMK	2.521964	6.426013	10.17316	8.37E-21	1.04E-18	36.58095
SLAMF8	2.509035	5.387157	11.1622	4.65E-24	1.58E-21	43.94223
IGK@ /// IGKC /// LOC652493	2.505719	6.819597	7.549316	6.67E-13	1.62E-11	18.75723
ADAMDEC1	2.504489	4.68366	10.11573	1.28E-20	1.50E-18	36.16232
IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	2.502074	10.11872	7.411632	1.59E-12	3.61E-11	17.90967
CD52	2.49767	8.325131	9.950252	4.35E-20	4.42E-18	34.96204
TRBC1	2.491532	7.595331	10.82417	6.21E-23	1.39E-20	41.39593
POU2AF1	2.482645	5.14897	9.70893	2.55E-19	2.19E-17	33.28212
NNMT	2.479203	8.031203	9.47816	1.35E-18	9.86E-17	31.58915
CD2	2.456937	6.271791	11.90129	1.47E-26	2.26E-23	49.64018
IGSF6	2.454787	6.176379	11.7569	4.56E-26	4.23E-23	48.48875
CORO1A	2.434455	6.178886	11.64107	1.13E-25	8.49E-23	47.59707
IGJ	2.429544	8.617486	6.973817	2.35E-11	4.25E-10	15.28427
IGK@ /// IGKC	2.421782	10.81394	7.376983	1.98E-12	4.40E-11	17.698
IGK@ /// IGKC	2.413251	10.83132	7.479563	1.04E-12	2.43E-11	18.32657
RG51	2.402121	5.009459	9.686375	3.00E-19	2.54E-17	33.67078
IGLV2-23 /// LOC100293440	2.401203	6.775219	7.262272	4.03E-12	8.48E-11	17.00192
LOC100287723	2.38717	9.968281	7.906973	6.68E-14	2.03E-12	21.0055
PTPRC	2.382691	6.068912	11.18282	3.97E-24	1.39E-21	44.09857
ISG20	2.38254	5.887914	12.26411	8.31E-28	2.87E-24	52.42478
---	2.380437	6.352351	11.79012			

SLC16A10	219915_PM_s_at	-2.4	1.3	3.9E-10	229383_PM_at					1-Mar	2.18739	5.613711	11.71547	6.31E-26	5.30E-23	48.16946
OSTBETA	230830_PM_at	-2.4	1.3	1.4E-06	202902_PM_s_at	CTSS					2.182036	8.06889	9.343693	3.55E-18	2.40E-16	30.64316
COLEC11	219873_PM_at	-2.4	1.3	3.9E-09	1554899_PM_s_at	FCER1G					2.173343	7.175596	10.22801	5.56E-21	7.72E-19	36.98173
MITP	205675_PM_at	-2.4	1.3	9.8E-08	204912_PM_at	IL10RA					2.172597	6.556869	11.39715	7.56E-25	3.78E-22	45.72884
SLCTA9	220135_PM_s_at	-2.4	1.3	7.9E-06	209795_PM_at	CD69					2.171604	4.965338	11.43962	5.43E-25	2.91E-22	46.0532
NAT8B	206964_PM_at	-2.4	1.3	1.2E-06	227346_PM_at	IKZF1					2.163879	5.366926	11.5104	3.13E-25	1.88E-22	46.59462
SLC25A10	218275_PM_at	-2.4	1.3	1.0E-10	238725_PM_at	IRF1					2.159696	6.399302	11.18032	4.05E-24	1.40E-21	44.07955
ZYG11A	231517_PM_at	-2.4	1.3	4.2E-13	210895_PM_s_at	CD86					2.158686	5.202964	10.94494	2.47E-23	6.18E-21	42.30228
ADH6	207544_PM_s_at	-2.4	1.3	9.0E-08	202207_PM_at	ARL4C					2.155579	7.413938	11.99755	6.86E-27	1.19E-23	50.35014
SLCSA10	239707_PM_at	-2.4	1.3	2.7E-07	232543_PM_x_at	ARRHGAP9					2.147615	8.580178	11.73051	5.61E-26	4.99E-23	48.28537
HPGD	203913_PM_s_at	-2.4	1.3	1.4E-08	205119_PM_s_at	FPR1					2.144767	5.618253	11.0801	8.76E-24	2.60E-21	43.3211
PSAT1	220892_PM_s_at	-2.4	1.3	4.4E-07	228532_PM_at	C1orf162					2.143199	7.039255	11.40905	6.89E-25	3.49E-22	45.81966
GLYATL1	227695_PM_at	-2.4	1.3	7.4E-06	225353_PM_s_at	C1QC					2.14006	4.96611	10.98464	1.82E-23	4.82E-21	42.60108
LEAP2	1552362_PM_a_at	-2.4	1.2	4.2E-09	1555756_PM_s_at	CLEC7A					2.139426	4.712962	11.66191	9.59E-26	7.55E-23	47.75727
BPHL	205750_PM_at	-2.4	1.2	7.3E-10	227353_PM_at	TMC8					2.13896	5.566899	12.00895	6.27E-27	1.19E-23	50.43855
TLN2	212701_PM_at	-2.4	1.2	7.8E-15	214567_PM_s_at	XC1L1 /// XC1L2					2.138743	5.68162	10.20107	2.60E-20	2.79E-18	35.46807
RGH	210751_PM_s_at	-2.4	1.2	1.4E-08	206513_PM_at	AIM2					2.136379	4.58158	11.84696	2.25E-26	3.08E-23	49.18398
TTC36	237350_PM_at	-2.4	1.2	3.4E-09	205270_PM_s_at	PCP2					2.135606	6.299697	11.48204	3.90E-25	2.19E-22	46.37756
SUSD2	227480_PM_at	-2.4	1.2	2.0E-11	204563_PM_at	SELL					2.131872	5.635314	9.590253	6.03E-19	4.76E-17	32.38285
KMO	205306_PM_x_at	-2.4	1.2	3.5E-08	204988_PM_at	FCB					2.129218	6.151696	6.645035	1.65E-10	2.48E-09	13.38579
GPC5	207174_PM_at	-2.3	1.2	1.5E-06	214574_PM_x_at	LST1					2.126227	6.931351	10.91851	3.02E-23	7.51E-21	42.10358
GP2	224839_PM_s_at	-2.3	1.2	4.0E-11	211582_PM_x_at	LST1					2.124243	6.865349	10.61514	3.04E-22	5.46E-20	39.83651
ATPGVOD2	1553151_PM_at	-2.3	1.2	2.2E-08	205798_PM_at	IL7R					2.112742	6.199033	9.716517	2.41E-19	2.09E-17	33.28232
ANXA9	210085_PM_s_at	-2.3	1.2	8.7E-12	223501_PM_at	TNFSF13B					2.112614	6.994104	10.52849	5.85E-22	9.79E-20	39.19369
FAM83D	225687_PM_at	-2.3	1.2	3.8E-10	229041_PM_s_at	---					2.111568	5.82641	10.64734	2.85E-22	4.43E-20	40.0759
FOLH1	205860_PM_x_at	-2.3	1.2	3.3E-08	212827_PM_at	IGHM					2.108197	5.219202	8.26188	6.39E-15	2.34E-13	23.29986
MOSC2	195527_PM_at	-2.3	1.2	3.6E-11	220330_PM_s_at	SAMSN1					2.107102	6.559882	9.751806	1.86E-19	1.65E-17	33.53472
SLC12A6	220740_PM_s_at	-2.3	1.2	8.8E-12	210072_PM_at	CCL19					2.100197	7.961723	7.148033	8.15E-12	1.60E-10	16.316
ASPA	206030_PM_at	-2.3	1.2	3.3E-11	216238_PM_s_at	FCB					2.097837	5.103825	6.460805	4.80E-10	6.48E-09	12.35073
CNDP1	223699_PM_at	-2.3	1.2	5.7E-08	221698_PM_s_at	CLEC7A					2.097575	6.405865	11.1904	3.74E-24	1.35E-21	44.156
REEP6	226597_PM_at	-2.3	1.2	2.2E-07	205821_PM_at	KLRK1					2.095317	5.99912	10.86152	4.67E-23	1.07E-20	41.67578
CUBN	206775_PM_at	-2.3	1.2	1.2E-05	206584_PM_at	LY96					2.094861	7.200741	10.30246	3.19E-21	4.42E-19	37.5272
PVALB	205336_PM_at	-2.3	1.2	1.6E-06	229543_PM_at	---					2.093325	4.754773	10.09531	1.49E-20	1.73E-18	36.01368
HEPACAM2	242601_PM_at	-2.3	1.2	2.0E-07	214181_PM_x_at	LST1					2.086132	7.174003	10.88061	4.04E-23	9.48E-21	41.81899
CYP3A4	205998_PM_x_at	-2.3	1.2	2.0E-13	204502_PM_at	SAMHDI1					2.083453	5.973743	12.01271	6.09E-27	1.19E-23	50.46776
FBP1	209696_PM_at	-2.3	1.2	5.3E-08	1553906_PM_s_at	FGD2					2.07591	7.370029	11.38178	8.51E-25	4.05E-22	45.61158
RNF186	219739_PM_at	-2.3	1.2	1.5E-06	202803_PM_s_at	ITGB2					2.074288	7.228318	11.23564	2.64E-24	9.97E-22	44.49933
ACOX2	205364_PM_at	-2.3	1.2	1.5E-09	222895_PM_s_at	BC1L1B					2.068346	5.142904	10.5414	5.30E-22	9.09E-20	39.28932
SLC22A7	220554_PM_at	-2.3	1.2	3.2E-07	213160_PM_at	DOCK2					2.067329	5.52175	11.68182	8.21E-26	6.71E-23	47.91046
UMOD	206716_PM_at	-2.3	1.2	1.7E-04	206804_PM_at	CD3G					2.06696	4.844706	12.4261	2.29E-28	1.40E-24	53.69185
CYP8B1	232494_PM_at	-2.3	1.2	2.1E-06	203416_PM_at	CD53					2.066875	8.481476	11.14729	5.22E-24	1.68E-21	43.82937
ARSF	214490_PM_at	-2.3	1.2	4.5E-12	232311_PM_at	B2M					2.060701	5.885817	10.82682	6.09E-23	1.37E-20	41.41572
FMO1	205666_PM_at	-2.3	1.2	7.5E-06	201720_PM_s_at	LAPTMS					2.056288	7.279185	9.913157	5.72E-20	5.63E-18	34.69422
KCNK2	220116_PM_at	-2.2	1.2	5.3E-12	209606_PM_at	CYTP1					2.055201	6.131156	11.26965	2.03E-24	8.25E-22	44.75773
SLG6A13	207184_PM_at	-2.2	1.2	3.0E-07	238581_PM_at	GBP5					2.054627	4.401858	10.53669	5.50E-22	9.37E-20	39.25444
CHDH	229502_PM_at	-2.2	1.2	3.3E-10	216853_PM_x_at	IGLV3-19					2.054363	5.335476	6.543252	2.99E-10	4.24E-09	12.81134
SORD	201562_PM_s_at	-2.2	1.2	6.3E-07	217179_PM_x_at	---					2.054025	5.501148	7.010138	1.89E-11	3.47E-10	15.49792
GDPD3	219722_PM_s_at	-2.2	1.2	1.4E-08	219574_PM_at	---					2.053895	5.961421	12.09934	3.07E-27	7.57E-24	51.14085
ATPGVI3G	230565_PM_at	-2.2	1.2	2.2E-06	202917_PM_s_at	S100A8					2.052553	7.455101	8.90861	7.67E-17	4.00E-15	27.63047
AGXT2	229229_PM_at	-2.2	1.2	5.6E-05	224451_PM_x_at	ARRHGAP9					2.051691	6.05032	11.32316	1.34E-24	5.84E-22	45.16484
DPP4	203716_PM_s_at	-2.2	1.1	8.0E-09	227697_PM_at	SOCS3					2.049153	5.693608	10.28074	3.75E-21	5.07E-19	37.36787
THY1	208850_PM_s_at	-2.2	1.1	6.6E-12	226219_PM_at	ARRHGAP30					2.048406	6.026622	11.83271	2.51E-26	3.21E-23	49.07388
IGSF11	228375_PM_at	-2.2	1.1	1.1E-08	220290_PM_x_at	CTSS					2.047342	7.758216	10.80472	7.21E-23	4.12E-21	45.20333
PRAP1	243669_PM_s_at	-2.2	1.1	6.5E-05	238668_PM_at	---					2.043712	4.960692	11.21749	3.04E-24	1.12E-21	44.36148
A1CF	220951_PM_s_at	-2.2	1.1	2.4E-06	211581_PM_x_at	LST1					2.042982	6.4537	11.02775	1.31E-23	3.67E-21	42.92591
DAK	218688_PM_at	-2.2	1.1	8.9E-14	212588_PM_at	PTPRC					2.038561	8.253754	10.6704	2.00E-22	3.80E-20	40.24758
ALDH6A1	204289_PM_at	-2.2	1.1	2.4E-07	213416_PM_at	ITGA4					2.027498	5.525555	10.80159	7.38E-23	1.61E-20	41.22686
GK	207387_PM_s_at	-2.2	1.1	6.2E-09	204959_PM_at	MNDA					2.025123	6.340852	10.30631	3.10E-21	4.33E-19	37.5555
MGAM	206522_PM_at	-2.2	1.1	1.5E-05	202206_PM_at	ARL4C					2.017952	6.503977	10.45868	9.89E-22	1.58E-19	38.67735
SLCSA12	214389_PM_at	-2.2	1.1	3.9E-05	209670_PM_at	TRAC					2.015064	7.356759	10.57974	3.97E-22	6.97E-20	39.5736
MAP7	202889_PM_x_at	-2.2	1.1	1.1E-06	230550_PM_at	MS4A6A					2.008937	7.673505	10.78647	8.28E-23	1.75E-20	41.11376
C12orf64	1553746_PM_a_at	-2.2	1.1	5.3E-06	206366_PM_x_at	XC1L1					2.00604	6.606663	10.20184	6.76E-21	8.62E-19	36.79034
TMEM132E	243708_PM_at	-2.2	1.1	3.6E-15	209752_PM_at	REG1A					1.997801	5.479509	6.460287	4.82E-10	6.49E-09	12.34785
SLC13A2	207567_PM_at	-2.2	1.1	8.7E-08	1559584_PM_a_at	C16orf54					1.993745	5.258478	10.30878	3.04E-21	4.12E-19	37.57359
HMGCS2	204607_PM_at	-2.2	1.1	5.8E-07	217028_PM_at	CXCR4					1.989205	7.238793	10.3509	2.22E-21	3.21E-19	37.88307
HSO11B2	204130_PM_at	-2.2	1.1	3.5E-07	202748_PM_at	GBP2					1.988284	8.169933	13.07956	1.21E-30	4.49E-26	58.84475
HSD17B14	219113_PM_x_at	-2.2	1.1	3.1E-09	1555728_PM_a_at	MS4A4A					1.987305	7.048113	9.324086	4.09E-18	2.73E-16	30.50579
NAGS	229432_PM_at	-2.2	1.1	1.3E-10	209774_PM_x_at	CXCL2					1.985547	4.999164	11.15111	5.07E-24	1.65E-21	43.85827
METTL7B	227055_PM_at	-2.2	1.1	1.4E-06	204205_PM_at	APOBEC3G					1.980122	7.663228	12.70005	2.57E-29	3.17E-25	55.84432
PKLR	207858_PM_s_at	-2.2	1.1	2.8E-13	227184_PM_at	PTAFR					1.977424	6.685235	12.08231	3.51E-27	8.12E-24	51.00842
SLC2A5	204429_PM_s_at	-2.2	1.1	4.9E-11	209949_PM_at	NCF2					1.973547	5.625186	10.53162	5.71E-22	9.62E-20	39.21689
CLDN8	214598_PM_at	-2.2	1.1	3.2E-07	210644_PM_s_at	LAI1					1.973504	5.316045	11.42214	6.22E-25	3.20E-22	45.91962
CLEC18A /// CLEC18B /// CLEC18C	230022_PM_at	-2.2	1.1	1.9E-05	205237_PM_at	FCN1					1.965385	5.4657				

NOXA	219773_PM_at	-2.1	1.0	3.6E-06	235964_PM_x_at	SAMHDI	1.90111	8.523846	11.3231	1.34E-24	5.84E-22	45.16434
DIP2C	212503_PM_s_at	-2.1	1.0	1.8E-16	201721_PM_s_at	LAPTM5	1.897077	9.516515	10.90529	3.34E-23	7.99E-21	42.00428
AKR7A3	206469_PM_x_at	-2.0	1.0	9.2E-07	209906_PM_at	C3AR1	1.894978	7.177641	10.68	1.86E-22	3.57E-20	40.3191
CL1orf56	228989_PM_at	-2.0	1.0	2.8E-10	213915_PM_at	NGK7	1.894388	5.503562	10.08661	1.59E-20	1.83E-18	35.95045
SLC34A3	1552510_PM_at	-2.0	1.0	1.2E-16	209969_PM_s_at	STAT1	1.893139	5.985822	11.83784	2.41E-26	3.19E-23	49.11348
LOC100288617	228918_PM_at	-2.0	1.0	5.5E-09	204620_PM_s_at	VCAN	1.887656	7.674328	7.225885	5.05E-12	1.04E-10	16.78264
AQP7	206955_PM_at	-2.0	1.0	9.8E-11	1554240_PM_a_at	ITGAL	1.886929	4.891003	10.47459	8.78E-22	1.43E-19	38.79491
KCNJ15	210119_PM_at	-2.0	1.0	1.4E-05	209823_PM_x_at	HLA-DQB1	1.884817	8.805959	10.26169	4.33E-21	5.76E-19	37.22832
AQP2	206672_PM_at	-2.0	1.0	2.7E-06	234987_PM_at	---	1.883362	7.911382	10.40917	1.43E-21	2.16E-19	38.31205
ALDH4A1	203722_PM_at	-2.0	1.0	2.4E-07	205291_PM_at	IL2RB	1.876463	5.511878	11.15558	4.90E-24	2.61E-21	43.89214
GPDI	204997_PM_at	-2.0	1.0	6.6E-13	223922_PM_x_at	MS4A6A	1.87515	6.60978	11.25076	2.35E-24	9.15E-22	44.61413
PPAPDC1A	236044_PM_at	-2.0	1.0	2.5E-10	211368_PM_s_at	CASP1	1.87183	7.317943	12.22092	1.17E-27	3.61E-24	52.08781
AQP11	229526_PM_at	-2.0	1.0	1.2E-06	214916_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGHG3 /// IGHM /// IG	1.869307	5.633391	7.101624	1.08E-11	2.08E-10	16.03945
USP2	207211_PM_at	-2.0	1.0	2.3E-08	207957_PM_s_at	PRKCB	1.869112	4.691512	10.20387	6.66E-21	8.52E-19	36.80518
ACY3	230481_PM_at	-2.0	1.0	1.2E-07	228869_PM_at	SNX20	1.868888	4.745098	11.85328	2.14E-26	3.04E-23	49.23282
SLC7A7	204588_PM_s_at	-2.0	1.0	1.7E-06	202957_PM_at	HCLS1	1.865411	8.407794	11.79536	3.37E-26	3.78E-23	48.78543
TMEM106A	1552302_PM_at	-2.0	1.0	2.9E-11	213566_PM_at	RNASE6	1.865137	8.089006	10.79706	7.64E-23	1.63E-20	41.193
SLC37A4	202830_PM_s_at	-2.0	1.0	3.8E-08	209685_PM_s_at	PRKCB	1.864706	5.312932	10.64276	2.47E-22	4.56E-20	40.04186
AMN	220989_PM_s_at	-2.0	1.0	4.1E-09	204122_PM_at	TYROBP	1.862621	9.265902	11.38143	8.54E-25	4.05E-22	45.60888
CYP17A1	205502_PM_at	-2.0	1.0	6.7E-10	227677_PM_at	JAK3	1.857976	5.051619	10.50987	6.73E-22	1.11E-19	39.05585
CLPTM1	211136_PM_s_at	-2.0	1.0	9.2E-11	230741_PM_at	---	1.857075	5.236316	9.988436	3.28E-20	3.45E-18	35.2382
LOC388588	230840_PM_at	-2.0	1.0	3.4E-09	205890_PM_s_at	GABRR1 /// UBD	1.852341	9.012258	9.181152	1.13E-17	6.82E-16	29.50888
SLC32A2	200924_PM_s_at	-2.0	1.0	8.6E-10	225701_PM_at	AKNA	1.851715	6.497003	12.04343	4.78E-27	3.61E-24	50.70623
EPHX1	202017_PM_at	-2.0	1.0	2.5E-11	204416_PM_x_at	APOC1	1.851436	7.609589	7.980639	4.12E-14	1.30E-12	21.47667
ACSF2	218844_PM_at	-2.0	1.0	5.1E-07	219666_PM_at	MS4A6A	1.8494	8.148829	10.7129	1.45E-22	2.76E-20	40.56428
UGT2B28	211682_PM_x_at	-2.0	1.0	1.3E-05	223640_PM_at	HCS1	1.838286	6.961148	10.90684	3.31E-23	7.94E-21	42.01589
ATP6V1C2	1553989_PM_a_at	-2.0	1.0	6.7E-07	218232_PM_at	CIQA	1.831233	8.339452	11.16134	4.68E-24	1.95E-21	43.93574
CSDC2	209981_PM_at	-2.0	1.0	4.4E-08	213537_PM_at	HLA-DPA1	1.830242	7.485882	9.301835	4.79E-18	3.18E-16	30.35008
VEP1	229759_PM_s_at	-2.0	1.0	1.3E-07	212531_PM_at	LCN2	1.830181	5.587181	7.34774	2.37E-12	5.21E-11	17.51986
CYP4A11 /// CYP4A22	1554837_PM_a_at	-2.0	1.0	8.3E-05	210629_PM_x_at	LST1	1.829906	6.149618	10.65992	2.17E-22	4.07E-20	40.16956
RNLS	223824_PM_at	-2.0	1.0	4.6E-13	204619_PM_s_at	VCAN	1.829784	7.540541	7.433174	1.39E-12	3.19E-11	18.04161
PEPD	202108_PM_at	-2.0	1.0	2.1E-08	205692_PM_s_at	C3	1.826234	4.694589	10.40363	1.50E-21	2.24E-19	38.27122
PKD2	202590_PM_s_at	-2.0	1.0	1.5E-13	217767_PM_at	C3	1.82315	9.197701	8.746189	2.37E-16	1.12E-14	26.52563
FLJ42875	231275_PM_at	-2.0	1.0	5.3E-08	206011_PM_at	CASP1	1.822152	6.770605	11.14138	5.46E-24	1.73E-21	43.78461
GAL3ST1	205670_PM_at	-2.0	1.0	1.4E-08	236295_PM_s_at	NLR3	1.817425	5.02077	11.53762	2.53E-25	1.56E-22	46.8031
GIB1	204973_PM_at	-2.0	1.0	3.8E-11	203741_PM_s_at	ADCY7	1.817296	5.854023	10.84129	5.45E-23	1.25E-20	41.52415
CLCNKB	205985_PM_x_at	-2.0	1.0	5.9E-06	221286_PM_s_at	MGC29506	1.816084	5.207434	7.767944	1.65E-13	4.62E-12	20.12372
PLEKH5A	220952_PM_s_at	-2.0	1.0	3.2E-12	211654_PM_x_at	HLA-DQB1	1.815118	9.088684	10.37179	1.90E-21	2.76E-19	38.03677
LOC285733	230716_PM_at	-2.0	1.0	1.7E-08	204923_PM_at	SASH3	1.812128	5.300482	10.70426	1.55E-22	3.02E-20	40.49988
PXMP2	219076_PM_s_at	-2.0	1.0	5.2E-09	36711_PM_at	MAFF	1.811357	6.478651	9.831876	1.04E-19	9.70E-18	34.1091
HADH	201035_PM_s_at	-2.0	1.0	1.3E-10	226841_PM_at	MPEP1	1.809224	7.328426	8.944953	5.95E-17	3.17E-15	27.8792
ENTPD5	205757_PM_at	-2.0	1.0	2.5E-08	226474_PM_at	NLR5	1.808253	8.869945	11.00162	1.60E-23	4.29E-21	42.72898
ACOT7	208002_PM_s_at	-2.0	1.0	1.4E-07	203561_PM_at	FCGR2A	1.80565	6.826463	10.57131	4.23E-22	7.32E-20	39.51106
SLC4A9	224053_PM_s_at	-2.0	1.0	1.8E-10	204222_PM_s_at	GLIPR1	1.802338	6.160735	9.236709	7.65E-18	4.79E-16	29.89104
CTH	206085_PM_s_at	-2.0	1.0	3.8E-08	224917_PM_at	MIR21	1.800858	9.510077	10.03685	2.30E-20	2.52E-18	35.58904
SLC22A13	207444_PM_at	-2.0	1.0	1.6E-16	238327_PM_at	ODF3B	1.799653	5.08187	11.82237	2.73E-26	3.32E-23	48.99398
ACSM2A /// ACSM2B	241914_PM_s_at	-1.9	1.0	1.5E-04	215806_PM_x_at	TARP /// TRGC2	1.798513	5.644884	10.38366	1.74E-21	2.58E-19	38.12413
GIP2C	219970_PM_at	-1.9	1.0	2.0E-06	205624_PM_at	CPA3	1.798015	6.107243	7.147617	8.17E-12	1.61E-10	16.31351
AP1M2	218261_PM_at	-1.9	1.0	7.0E-07	216491_PM_x_at	IGHM	1.796858	5.014335	6.143831	2.86E-09	3.26E-08	10.62014
AQP3	203747_PM_at	-1.9	1.0	2.3E-08	222868_PM_s_at	IL18BP	1.792304	5.862978	9.817756	1.15E-19	1.07E-17	34.00757
P4HA2	202733_PM_at	-1.9	1.0	5.1E-12	235385_PM_at	---	1.787164	6.478651	10.0639	1.88E-20	2.12E-18	35.78538
FLJ22763	233604_PM_at	-1.9	1.0	7.8E-05	235735_PM_at	---	1.782507	4.653705	10.91287	3.16E-23	7.74E-21	42.06117
C5orf23	219054_PM_at	-1.9	1.0	1.9E-06	217227_PM_x_at	LOC100290557	1.777309	5.702408	6.399887	6.80E-10	8.85E-09	12.0137
AK3L1	204347_PM_at	-1.9	1.0	3.8E-06	202531_PM_at	IRF1	1.775595	5.730303	11.09849	7.60E-24	2.31E-21	43.46011
SLC28A2	207249_PM_s_at	-1.9	1.0	9.7E-09	214770_PM_at	MSR1	1.773966	5.577322	10.2173	6.02E-21	7.77E-19	36.9034
SNTA1	203516_PM_at	-1.9	0.9	3.1E-11	211367_PM_s_at	CASP1	1.773878	6.601538	9.584843	6.27E-19	4.94E-17	32.34444
CYP46A1	220331_PM_at	-1.9	0.9	3.9E-13	205569_PM_at	LAMP3	1.772195	4.561481	8.656774	4.39E-16	1.97E-14	25.92221
ETNK2	219268_PM_at	-1.9	0.9	9.0E-07	205859_PM_at	LY86	1.77211	6.302176	9.936966	4.80E-20	4.81E-18	34.86027
SLC27A2	205768_PM_s_at	-1.9	0.9	1.1E-04	209671_PM_x_at	TRA@ /// TRAC	1.766798	7.107376	8.968594	5.05E-17	2.73E-15	28.0413
ABCCE7 /// LOC100292715	208480_PM_s_at	-1.9	0.9	2.4E-08	202270_PM_at	GBP1	1.76529	8.388077	10.46288	9.58E-22	1.54E-19	38.70838
FUT6	210398_PM_x_at	-1.9	0.9	1.2E-12	231577_PM_s_at	GBP1	1.765287	9.11916	10.9987	1.64E-23	4.36E-21	42.70694
GSTA1	203924_PM_at	-1.9	0.9	2.0E-07	223565_PM_at	MGC29506	1.764455	4.456733	7.076088	1.27E-11	2.39E-10	15.88781
HNFG4	232271_PM_at	-1.9	0.9	9.9E-06	208885_PM_at	LCP1	1.762462	7.08556	10.0706	1.79E-20	2.03E-18	35.83404
TM7SF2	210130_PM_s_at	-1.9	0.9	7.4E-10	224342_PM_x_at	LOC96610	1.762364	5.177459	6.616106	1.96E-10	2.89E-09	13.22187
GALM	234974_PM_at	-1.9	0.9	3.1E-11	204336_PM_s_at	RGS19	1.759647	6.784618	11.76019	4.44E-26	4.23E-23	48.51412
PBLD	219543_PM_at	-1.9	0.9	1.1E-05	204890_PM_s_at	LCNK2	1.757604	4.666873	10.69622	1.64E-22	3.17E-20	40.43992
CLRN3	229777_PM_at	-1.9	0.9	1.9E-04	226142_PM_at	GLIPR1	1.755162	5.919771	9.501178	1.15E-18	8.49E-17	31.75176
SH3GL2	205751_PM_at	-1.9	0.9	1.5E-06	204232_PM_at	FCER1G	1.75488	8.483069	9.553481	7.86E-19	5.98E-17	32.12197
CDHR2	220186_PM_s_at	-1.9	0.9	2.0E-08	214470_PM_at	KLRB1	1.754123	5.983856	8.651664	4.55E-16	2.03E-14	25.88783
SLC7A8	202752_PM_x_at	-1.9	0.9	6.4E-06	201042_PM_at	TGM2	1.747389	8.57635	12.00207	6.62E-27	1.19E-23	50.38517
DUSP9	205777_PM_at	-1.9	0.9	1.7E-07	242827_PM_x_at	---	1.747033	5.257391	10.02013	2.60E-20	2.79E-18	35.46778
LOC644242	1558404_PM_at	-1.9	0.9	6.5E-08	211902_PM_x_at	TRD@	1.74599	6.679077	9.178107	1.15E-17	6.94E-16	29.48772
ACOT4	229394_PM_at	-1.9	0.9	1.1E-07	211634_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGHG3 /// IGHG4 /// IG	1.739047	5.09881	6.519952	3.42E-10	4.78E-09	12.68074
SLCSA2	207771_PM_at	-1.9	0.9	1.2E-06	211650_PM_x_at	IGHA1 /// IGH2 /// IGH3 /// IGHG3 /// IGHM /// IGHV1-69 /// IG	1.737083	5.353976	6.115189	3.35E-09	3.77E-08	10.46697
ANK2	202920_PM_at	-1.9	0.9	4.0E-08	211637_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGHG3 /// IGHG4 /// IG	1.736339	4.760797	6.001613	6.24E-09	6.61E-08	9.864942
PDXP /// SH3BP1	223290_PM_at	-1.9	0.9	8.1E-12	205039_PM_s_at	IKZF1	1.731599	5.703654	11.49487	3.53E-25	2.01E-22	46.4757
LRRC43	1553728_PM_at	-1.9	0.9	2.2E-09	223343_PM_at	MS4A7	1.730303	8.421498	9.405658	2.28E-18	1.60E-16	10.37825
SEPP1	201427_PM_s_at	-1.9	0.9	1.4E-10	244567_PM_at	---	1.730175	6.338694	6.65184	1.59E-10	2.40E-09	13.42442
LOC284578	1557474_PM_at	-1.9	0.9	9.4E-05	206882_PM_at	CLEC10A	1.72895	6.660923	9.0283	3.32E-17	1.85E-15	28.45169
NPHS2	220424_PM_at	-1.9	0.9</									

DEPDC7	228293_PM_at	-1.9	0.9	7.1E-06	32128_PM_at	CCL18	1.665082	5.354608	5.743082	2.49E-08	2.28E-07	8.526956
SORCS1	228194_PM_s_at	-1.9	0.9	2.9E-11	202375_PM_at	---	1.66494	5.746784	10.37596	1.84E-21	2.69E-19	38.06745
TINAG	223782_PM_s_at	-1.9	0.9	1.4E-04	228200_PM_at	SLC1A3	1.663056	5.871686	9.50222	1.14E-18	8.48E-17	31.75913
APOE	203381_PM_s_at	-1.9	0.9	5.1E-06	210606_PM_x_at	KLRD1	1.661806	4.476049	9.610822	5.19E-19	4.14E-17	32.52899
REN	206367_PM_at	-1.9	0.9	7.0E-03	225681_PM_at	CTHRC1	1.659979	6.614131	5.07927	7.06E-07	4.61E-06	5.306822
REBAP	206617_PM_s_at	-1.8	0.9	2.4E-11	204924_PM_at	TLR2	1.654733	6.402288	12.45336	1.84E-28	1.36E-24	53.90544
HAO	205657_PM_at	-1.8	0.9	6.1E-12	214467_PM_at	GPR65	1.651997	5.448318	10.32455	2.71E-21	3.87E-19	37.68942
SLC30A8	239983_PM_at	-1.8	0.9	6.8E-15	206391_PM_at	RARRRS1	1.650461	6.642992	8.735069	2.56E-16	1.21E-14	26.4504
SLC17A3	207298_PM_at	-1.8	0.9	4.8E-03	1555349_PM_a_at	ITGB2	1.650303	6.442822	9.1778	1.16E-17	6.95E-16	29.48559
CRYM	205489_PM_at	-1.8	0.9	1.1E-04	210666_PM_at	TIMP1	1.650006	10.13413	10.44451	1.10E-21	1.72E-19	38.57271
MUC15	227238_PM_at	-1.8	0.9	1.3E-04	206785_PM_s_at	KLRC1 /// KLRC2	1.649647	4.317673	11.19955	3.49E-24	1.28E-21	44.22542
LOC100287428	235758_PM_at	-1.8	0.9	4.0E-09	223322_PM_at	RASSF5	1.648656	6.945146	10.98323	1.84E-23	1.24E-21	42.59041
PHYH	203335_PM_at	-1.8	0.9	5.6E-08	223562_PM_at	PARVG	1.64818	5.010261	10.41498	1.37E-21	2.10E-19	38.35491
BPI	205557_PM_at	-1.8	0.9	1.7E-05	1555691_PM_a_at	KLRC1	1.648081	5.147276	9.923055	5.32E-20	5.29E-18	34.76564
AS3MT	223652_PM_at	-1.8	0.9	2.7E-09	206991_PM_s_at	CCRS	1.6477	5.410695	10.57794	4.03E-22	7.03E-20	39.56025
GK /// GK3P	216316_PM_x_at	-1.8	0.9	1.8E-08	238439_PM_at	ANKRD22	1.641833	5.724994	8.952803	5.64E-17	3.02E-15	27.933
TMEM120A	223482_PM_at	-1.8	0.9	1.5E-10	204057_PM_at	IRF8	1.640947	7.518514	10.95548	2.28E-23	5.81E-21	42.38154
PDZD3	220303_PM_at	-1.8	0.9	1.7E-11	242946_PM_at	---	1.640463	4.992064	10.45379	1.03E-21	1.63E-19	38.64127
GLYCTK	238518_PM_x_at	-1.8	0.9	4.0E-10	204279_PM_at	PSMB9	1.64004	9.037784	11.5065	3.23E-25	1.90E-22	46.56474
CRYL1	220753_PM_s_at	-1.8	0.9	2.8E-08	209773_PM_s_at	RRM2	1.637515	4.778425	8.32308	4.24E-15	1.60E-13	23.70244
ABAT	206527_PM_at	-1.8	0.9	2.6E-05	211656_PM_x_at	HLA-DQB1 /// LOC100294318	1.636643	6.642992	11.57108	1.95E-25	1.24E-22	47.05668
C4orf31	219747_PM_at	-1.8	0.9	1.8E-05	205419_PM_at	GPR183	1.633036	5.259856	8.864015	1.05E-16	5.26E-15	27.32601
CEL	205910_PM_s_at	-1.8	0.9	1.2E-09	211339_PM_s_at	ITK	1.632662	6.655147	10.14459	1.03E-20	1.25E-18	36.37251
FGF1	205117_PM_at	-1.8	0.9	5.0E-05	226525_PM_at	STK17B	1.628845	7.491004	9.855217	8.75E-20	8.36E-18	34.27682
SLC25A1	210010_PM_s_at	-1.8	0.9	1.1E-07	209970_PM_x_at	CASP1	1.627314	7.989873	11.57773	1.85E-25	1.20E-22	47.11071
DHDPSL	239093_PM_at	-1.8	0.9	7.6E-06	223467_PM_at	RASD1	1.624542	7.628775	9.244243	7.22E-18	4.56E-16	29.94794
IDH1	201193_PM_at	-1.8	0.9	1.2E-15	231697_PM_s_at	---	1.623298	4.667089	9.756934	1.79E-19	1.60E-17	33.57143
GPHN	220773_PM_s_at	-1.8	0.9	7.2E-06	202643_PM_s_at	TNFAIP3	1.62098	5.934989	10.44489	1.10E-21	1.72E-19	38.57558
STC2	203438_PM_at	-1.8	0.9	7.3E-14	209827_PM_at	IL16	1.620508	5.537326	10.08992	1.55E-20	1.79E-18	35.97448
HAGH	205012_PM_s_at	-1.8	0.9	5.5E-12	203470_PM_s_at	PLEK	1.617242	5.330017	9.124864	1.68E-17	9.83E-16	29.11848
PTGER3	208169_PM_s_at	-1.8	0.9	1.2E-05	202644_PM_s_at	TNFAIP3	1.610985	7.74377	12.17243	1.72E-27	4.55E-24	51.70978
PCY2	209577_PM_s_at	-1.8	0.9	1.7E-09	202503_PM_s_at	KIAA0101	1.610689	5.819292	7.41734	1.53E-12	3.49E-11	17.94661
CPNE6	210408_PM_s_at	-1.8	0.9	4.2E-11	211868_PM_x_at	IGH@ /// IGH1 /// IGH2 /// IGH3 /// IGH4 /// IGH5	1.609867	6.314488	6.224993	1.82E-09	2.17E-08	11.05709
RHBG	220510_PM_at	-1.8	0.9	3.8E-10	214617_PM_at	PRF1	1.608515	5.616567	10.02871	2.44E-20	2.66E-18	35.52998
LOC153328	231372_PM_at	-1.8	0.9	9.3E-10	244061_PM_at	---	1.605615	4.895362	9.558862	7.56E-19	5.83E-17	32.16012
GAS2	205848_PM_at	-1.8	0.9	5.9E-09	209924_PM_at	CCL18	1.602117	5.771862	5.709447	2.97E-08	2.67E-07	8.356254
HIBCH	203711_PM_s_at	-1.8	0.9	1.3E-09	202156_PM_s_at	CELF2	1.599339	6.725578	9.084908	2.23E-17	1.28E-15	28.84212
ARSE	205894_PM_at	-1.8	0.9	6.2E-05	211395_PM_s_at	FCGR2C	1.595446	5.58057	8.298052	5.02E-15	1.86E-13	23.53709
UGT1A1 /// UGT1A10 /// UGT1	208596_PM_s_at	-1.8	0.9	1.4E-03	217258_PM_x_at	IGLV1-44 /// LOC100290557	1.595232	5.43045	6.227801	1.80E-09	2.15E-08	11.06839
ABHD6	221552_PM_at	-1.8	0.9	4.8E-08	219812_PM_at	PVRIG	1.5949	4.527467	10.05273	2.04E-20	2.28E-18	35.70428
GC	204965_PM_at	-1.8	0.9	2.5E-02	203554_PM_x_at	PTTG1	1.593111	6.12492	10.31563	2.89E-21	4.08E-19	37.62387
L2HGDDH	220089_PM_at	-1.8	0.9	5.4E-11	206118_PM_at	STAT4	1.592242	4.773904	10.73381	1.24E-22	2.49E-20	40.72034
C2orf54	220149_PM_at	-1.8	0.9	4.0E-06	220005_PM_at	P2RY13	1.587422	4.717097	10.45025	1.05E-21	1.66E-19	38.61509
FUZ	221187_PM_s_at	-1.8	0.9	1.0E-11	221840_PM_at	PTPRE	1.58714	6.279712	10.95277	2.33E-23	5.90E-21	42.36115
TNNC1	209904_PM_at	-1.8	0.9	2.9E-02	216510_PM_x_at	IGHA1 /// IGHG1 /// IGHM /// IGHV3-23 /// IGHV4-31 /// LOC100294318	1.585528	4.796369	5.847777	1.43E-08	1.38E-07	9.06300
ACSM3	205942_PM_s_at	-1.8	0.9	1.0E-04	226789_PM_at	EMB	1.583691	6.856701	8.568834	8.02E-16	3.45E-14	25.33215
RAB17	218931_PM_at	-1.8	0.9	1.4E-08	211597_PM_s_at	HOPX	1.583281	7.581233	8.421113	2.19E-15	8.67E-14	24.34874
ACE2	219962_PM_at	-1.8	0.9	2.3E-04	242916_PM_at	CEP110	1.582459	5.734817	11.31742	1.40E-24	6.03E-22	45.1211
ALLC	220365_PM_at	-1.8	0.9	2.2E-12	212999_PM_x_at	HLA-DQB1 /// HLA-DQB2 /// LOC100294318	1.579493	7.078449	5.957832	7.91E-09	8.15E-08	9.635173
TMEM178	229302_PM_at	-1.8	0.9	1.9E-06	205466_PM_s_at	HS3ST1	1.576872	6.29663	9.549532	8.09E-19	6.12E-17	32.09398
ATP6VOE2	213587_PM_s_at	-1.8	0.9	9.9E-09	214038_PM_at	CCL8	1.576128	4.817801	7.817575	1.19E-13	3.45E-12	20.43737
ACOT1 /// ACOT2	202982_PM_s_at	-1.8	0.9	2.5E-08	242268_PM_at	CELF2	1.575384	4.539665	9.737395	2.07E-19	1.81E-17	33.4316
PNPLA1	155364_PM_at	-1.8	0.9	1.6E-11	239294_PM_at	MYC	1.572802	5.141568	10.12334	1.21E-20	1.43E-18	36.21774
C15orf59	230475_PM_at	-1.8	0.9	1.8E-10	226991_PM_at	NFATC2	1.571696	6.181079	10.29759	3.31E-21	4.54E-19	37.49151
NTSE	203939_PM_at	-1.8	0.9	1.4E-07	209201_PM_x_at	CXCR4	1.571584	6.174235	7.219868	5.24E-12	1.07E-10	16.74645
PRNP	201300_PM_s_at	-1.8	0.9	1.2E-03	1555852_PM_at	---	1.571223	7.096993	11.18447	3.92E-24	1.39E-21	44.11107
SLC28A1	207560_PM_at	-1.8	0.9	3.4E-08	210951_PM_x_at	RAB27A	1.568137	5.667966	11.75879	4.49E-26	4.23E-22	48.50329
ALDH1B1	209645_PM_s_at	-1.8	0.9	1.1E-08	1552703_PM_s_at	CARD16 /// CASP1	1.566067	8.316174	11.24644	2.43E-24	9.36E-22	44.5813
EHHADH	205222_PM_at	-1.8	0.9	2.4E-06	216920_PM_s_at	TARP /// TRGC2	1.565847	6.896309	9.301161	4.81E-18	3.19E-16	30.34537
SLC2A12	235050_PM_at	-1.8	0.9	5.2E-15	213502_PM_x_at	LOC91316	1.565317	8.991114	7.0546	1.44E-11	2.70E-10	15.7605
DNAUC6	204720_PM_s_at	-1.8	0.9	2.6E-06	223218_PM_s_at	NFKB1	1.563813	8.640017	9.879084	7.34E-20	7.08E-18	34.44863
ALDOB	204704_PM_s_at	-1.8	0.9	1.3E-04	203535_PM_at	S100A9	1.563167	6.402251	8.500263	1.28E-15	5.30E-14	24.87443
CKNKC	219615_PM_s_at	-1.8	0.9	1.3E-05	234366_PM_x_at	CYAT1	1.561795	5.440012	6.184048	2.29E-09	2.67E-08	10.83612
PIK3CG	215129_PM_at	-1.8	0.9	3.9E-10	205314_PM_s_at	CCL3 /// CCL3L1 /// CCL3L3	1.561072	4.631687	8.008805	3.43E-14	1.09E-12	21.65753
PLCXD3	230081_PM_at	-1.8	0.9	2.1E-07	207677_PM_s_at	NCF4	1.558898	4.973221	10.37969	1.79E-21	2.63E-19	38.09493
C21orf33	202217_PM_at	-1.8	0.9	1.3E-07	202431_PM_s_at	MYC	1.55128	7.102564	10.262	4.32E-21	5.76E-19	37.23057
RGS7	206290_PM_s_at	-1.8	0.9	1.4E-09	204007_PM_at	FCGR3B	1.550933	4.883436	9.192594	1.04E-17	6.31E-16	29.59089
RETSAT	218124_PM_at	-1.8	0.9	3.7E-11	231124_PM_x_at	LY9	1.549395	4.494159	9.793211	1.38E-19	1.25E-17	33.83141
C10orf72	213381_PM_at	-1.8	0.9	2.1E-12	230499_PM_at	---	1.549128	5.198767	10.1959	7.06E-21	8.92E-19	36.747
MAF	206363_PM_at	-1.8	0.9	3.4E-08	38149_PM_at	ARHGAP25	1.549027	6.088304	11.3923	7.85E-25	3.82E-22	45.69184
LOC389332	237450_PM_at	-1.8	0.9	9.8E-06	209813_PM_x_at	TARP	1.548898	5.704395	9.195539	1.02E-17	6.23E-16	29.60886
SLC5A9	232378_PM_at	-1.8	0.9	1.6E-04	216557_PM_x_at	IGHA1 /// IGH D /// IGH G1 /// IGH G3 /// IGH M /// IGH V4-31 ///	1.548666	5.057353	6.018384	5.69E-09	6.08E-08	9.95302
C11orf54	223268_PM_at	-1.8	0.9	2.9E-07	219191_PM_s_at	BIN2	1.547687	5.614237	10.79774	7.60E-23	1.63E-20	41.19806
GCHFR	204867_PM_at	-1.8	0.9	5.1E-06	211366_PM_x_at	CASP1	1.543625	8.001513	11.60016	1.55E-25	1.09E-22	47.28281
C12orf59	236646_PM_at	-1.8	0.9	2.6E-04	207375_PM_s_at	IL15RA	1.541524	5.904279	11.47655	4.08E-25	2.25E-22	46.33555
PTGR1	228824_PM_s_at	-1.7	0.9	1.9E-09	232024_PM_at	GIMAP2	1.537772	7.323574	10.51886	6.29E-22	1.05E-19	39.12234
MAP7D2	228262_PM_at	-1.7	0.9	1.4E-05	201645_PM_at	TNC	1.532755	8.67399	9.791558	4.38E-14	1.37E-12	21.41844
DHRS11	218756_PM_s_at	-1.7	0.9	1.6E-10	219684_PM_at	RTPA	1.531015	6.439994	10.71216	1.46E-22	2.87E-20	40.55877
SERPINA5	209443_PM_at	-1.7	0.9	6.1E-06	209829_PM_at	FAM65B	1.530012	5.47233	9.294699	5.04E-18	3.30E-16	30.30018
GRAMD1C	219313_PM_at	-1.7	0.9	1.5E-07	1552807_PM_a_at	SIGLEC10 /// SIGLEC12	1.527942	5.133466	10.87182	4.32E-23		

BMPR1B	210523_PM_at	-1.7	0.8	3.9E-06	223553_PM_s_at	DOK3	1.496019	5.13214	10.02225	2.56E-20	2.76E-18	35.48314
NPL	221210_PM_s_at	-1.7	0.8	2.4E-05	227344_PM_at	IKZF1	1.4952	4.60349	11.02288	1.36E-23	3.78E-21	42.88923
IVD	203682_PM_s_at	-1.7	0.8	1.4E-13	226136_PM_at	GLIPR1	1.491822	6.58656	8.75758	2.19E-16	1.05E-14	26.60275
ALDH3A2	202053_PM_s_at	-1.7	0.8	2.3E-10	201291_PM_s_at	TOP2A	1.491688	4.440071	8.310299	4.62E-15	1.73E-13	23.61756
ACAA1	202025_PM_x_at	-1.7	0.8	9.7E-09	226237_PM_at	---	1.488648	6.582384	7.21825	5.30E-12	1.08E-10	16.73673
PRSS3	213421_PM_x_at	-1.7	0.8	1.3E-07	216365_PM_x_at	IGLV3-19	1.488336	4.975918	6.213905	1.94E-09	2.29E-08	10.99714
NCRNA00118	230488_PM_s_at	-1.7	0.8	1.9E-09	235157_PM_at	---	1.488152	6.905213	8.254799	6.70E-15	2.44E-13	23.2535
ELF5	220624_PM_s_at	-1.7	0.8	4.3E-06	209732_PM_at	CLEC2B	1.487077	5.16335	10.04203	2.21E-20	2.46E-18	35.62664
GCDH	203500_PM_at	-1.7	0.8	6.9E-08	231956_PM_at	RNF213	1.48664	5.365491	8.167342	1.20E-14	4.12E-13	22.68276
TMEM6213	239593_PM_at	-1.7	0.8	7.4E-05	219279_PM_at	DOCK10	1.486114	6.143217	8.646102	4.72E-16	2.11E-14	25.85042
TRIM63	236972_PM_at	-1.7	0.8	4.6E-04	213733_PM_at	MYO1F	1.485425	5.620895	10.56664	4.38E-22	7.55E-20	39.47644
DDX10	204977_PM_at	-1.7	0.8	2.5E-09	203760_PM_s_at	SLA	1.484411	6.564458	10.30699	3.08E-21	4.32E-19	37.56047
ELMOD1	231930_PM_at	-1.7	0.8	5.3E-07	205285_PM_s_at	FYB	1.483992	4.592369	9.503135	1.13E-18	8.44E-17	31.76559
SLC2A9	219991_PM_at	-1.7	0.8	4.5E-05	204438_PM_at	MRC1 /// MRC1L1	1.483659	8.844841	10.04681	2.13E-20	2.38E-18	35.66134
TPRG1L	224871_PM_at	-1.7	0.8	3.1E-13	207795_PM_s_at	KLRD1	1.48198	4.192151	9.446105	1.70E-18	1.22E-16	31.36303
SERPINF2	205075_PM_at	-1.7	0.8	1.4E-05	AFFX-HUMISGF3A/M	STAT1	1.481658	5.69416	8.704961	3.15E-16	1.46E-14	26.24697
SMPDL3A	213624_PM_at	-1.7	0.8	1.3E-11	203104_PM_at	CSF1R	1.481342	6.200444	9.916443	5.58E-20	5.52E-18	34.71792
CCDC150	232398_PM_at	-1.7	0.8	1.3E-10	227462_PM_at	ERAP2	1.481238	7.379814	6.225848	1.81E-09	2.17E-08	11.06172
PAIP2B	221868_PM_at	-1.7	0.8	1.5E-08	228442_PM_at	NFATC2	1.480384	5.52024	10.08281	1.64E-20	1.87E-18	35.92279
MFSDA	229254_PM_at	-1.7	0.8	1.3E-05	33323_PM_r_at	SFN	1.479877	5.338181	6.727162	4.07E-13	1.05E-11	19.24092
SPRYD4	225616_PM_at	-1.7	0.8	3.2E-10	242814_PM_at	SERPINB9	1.479439	6.084886	9.342698	3.58E-18	2.11E-16	30.63619
SLC4A4	203908_PM_at	-1.7	0.8	1.7E-04	228094_PM_at	AMICA1	1.478476	6.025505	10.07939	1.68E-20	1.91E-18	35.89794
NAT8 /// NAT8B	206963_PM_s_at	-1.7	0.8	1.3E-03	211794_PM_at	FYB	1.476593	4.558036	11.1327	5.84E-24	1.82E-21	43.71891
ILVBL	202993_PM_at	-1.7	0.8	5.0E-09	220146_PM_at	TLR7	1.473984	4.761321	10.45136	1.05E-21	1.65E-19	38.62333
C10orf114	1555922_PM_at	-1.7	0.8	2.3E-13	223809_PM_at	RGS18	1.473178	4.314342	10.15452	9.61E-21	1.18E-18	36.44491
FHIT	206492_PM_at	-1.7	0.8	7.3E-08	208438_PM_s_at	FGR	1.472882	5.206459	9.01598	3.62E-17	2.00E-15	28.36689
FAM149A	214889_PM_at	-1.7	0.8	4.8E-08	202112_PM_at	VWF	1.472388	7.706083	6.738191	9.58E-11	1.51E-09	13.91711
GRAMD1B	212906_PM_at	-1.7	0.8	6.7E-09	228273_PM_at	---	1.472314	4.775831	9.489223	1.25E-18	9.20E-17	31.66727
LOC100130232	239860_PM_at	-1.7	0.8	9.4E-04	216598_PM_s_at	CCL2	1.470832	9.00019	9.04208	3.01E-17	1.70E-15	28.54661
THRSP	229476_PM_s_at	-1.7	0.8	1.3E-05	222858_PM_s_at	DAPP1	1.469535	4.54426	9.663279	3.55E-19	2.95E-17	32.90238
SCNN1B	205464_PM_at	-1.7	0.8	1.1E-11	203332_PM_s_at	INPP5D	1.468702	5.997781	10.80686	7.09E-23	1.57E-20	41.2663
SFXN1	218392_PM_x_at	-1.7	0.8	4.2E-10	210321_PM_at	GZMH	1.468266	4.901841	9.738095	2.06E-19	1.81E-17	33.4666
METRN	219051_PM_x_at	-1.7	0.8	2.7E-08	222592_PM_s_at	ACSL5	1.46719	5.55935	9.612078	5.15E-19	4.11E-17	32.53792
SPATA17	230763_PM_at	-1.7	0.8	9.6E-09	207571_PM_x_at	C10orf38	1.465803	5.230476	10.28093	3.75E-21	5.07E-19	37.3693
HDXD4	1552337_PM_s_at	-1.7	0.8	1.3E-09	235643_PM_at	SAMD9L	1.465394	6.096904	9.369905	2.94E-18	2.03E-16	30.82703
AMT	204294_PM_at	-1.7	0.8	2.3E-10	210992_PM_at	FCGR2C	1.465113	5.587415	9.376066	2.82E-18	1.95E-16	30.87028
GCAT	205164_PM_at	-1.7	0.8	2.3E-07	206336_PM_at	CXCL6	1.459498	5.186156	5.371743	1.68E-07	1.27E-06	6.686429
LOC84856	233562_PM_at	-1.7	0.8	1.1E-06	206082_PM_at	HCP5	1.45739	5.589079	10.38171	1.76E-21	2.60E-19	38.10977
HS6ST2	230030_PM_at	-1.7	0.8	3.1E-04	210133_PM_at	CCL11	1.457079	5.902815	7.17747	6.81E-12	1.36E-10	16.49204
PROC	206259_PM_at	-1.7	0.8	1.7E-06	209879_PM_at	SELP1G	1.455658	5.796951	9.494128	1.21E-18	8.89E-17	31.70193
GPS1	217782_PM_s_at	-1.7	0.8	3.4E-09	230735_PM_at	---	1.453721	5.150008	9.176521	1.17E-17	7.00E-16	29.47671
ASB13	218862_PM_at	-1.7	0.8	3.0E-09	204158_PM_at	TCIRG1	1.447753	7.045581	9.396165	2.44E-18	1.70E-16	31.0115
C1orf210	1554246_PM_at	-1.7	0.8	2.7E-06	211795_PM_s_at	FYB	1.443832	6.618119	9.702339	2.67E-19	2.29E-17	33.18104
BTD	204167_PM_at	-1.7	0.8	1.5E-09	239237_PM_at	---	1.442955	4.205387	11.12611	6.15E-24	1.88E-21	43.66902
SPAG5	203145_PM_at	-1.7	0.8	2.3E-06	203083_PM_at	THBS2	1.441701	8.112772	7.052096	1.46E-11	2.74E-10	15.74568
SLC47A1	219525_PM_at	-1.7	0.8	6.8E-04	1552584_PM_at	IL12RB1	1.439785	4.476208	9.931329	5.00E-20	4.99E-18	34.82536
ABHD14A	210006_PM_at	-1.7	0.8	9.0E-08	211144_PM_x_at	TARP /// TRGC2	1.43839	5.556411	8.911069	7.54E-17	3.94E-15	27.64728
FAH	202862_PM_at	-1.7	0.8	5.3E-10	219385_PM_at	SLAMF8	1.435885	4.670473	9.575073	6.73E-19	5.25E-17	32.2751
KCNJ10	228581_PM_at	-1.7	0.8	3.4E-06	208436_PM_s_at	IRF7	1.434548	6.582333	9.842205	9.62E-20	9.06E-18	34.18325
C1QTNF7	223877_PM_at	-1.7	0.8	4.6E-10	217147_PM_s_at	TRAT1	1.434165	4.029898	9.827267	1.07E-19	1.00E-17	34.07589
SHMT1	209980_PM_s_at	-1.7	0.8	7.8E-08	1553043_PM_a_at	CD300LF	1.429257	4.215525	10.74765	1.11E-22	2.27E-20	40.82364
GBA3	219954_PM_s_at	-1.7	0.8	3.4E-04	227266_PM_s_at	FYB	1.428083	7.058287	9.08373	2.25E-17	1.29E-15	28.83399
PALM3	231018_PM_at	-1.7	0.8	5.1E-06	205101_PM_at	CIITA	1.425977	4.649423	9.977624	3.56E-20	3.68E-18	35.15996
KLHL3	221221_PM_s_at	-1.7	0.8	2.8E-09	225763_PM_at	RCS1D	1.422868	6.055106	8.938626	6.22E-17	3.28E-15	27.33586
ENPP3	222938_PM_x_at	-1.7	0.8	1.1E-05	204319_PM_s_at	RGS10	1.422152	8.092243	11.00636	1.54E-23	4.20E-21	42.76467
CES2	209667_PM_at	-1.7	0.8	1.8E-06	227458_PM_at	CD274	1.421834	5.376753	9.017303	3.59E-17	1.99E-15	28.37599
GAMT	205354_PM_at	-1.7	0.7	2.0E-06	210845_PM_s_at	PLAUR	1.420299	5.84635	8.63785	5.00E-16	2.22E-14	25.79494
GLI3	205201_PM_at	-1.7	0.7	1.8E-12	204198_PM_s_at	RUNX3	1.41871	4.710701	9.252533	6.80E-18	4.37E-16	30.00574
CYP27A1	203979_PM_at	-1.7	0.7	7.9E-10	234151_PM_at	---	1.417515	5.270467	9.733985	2.12E-19	1.86E-17	33.4072
SCRN2	225513_PM_at	-1.7	0.7	1.4E-09	211639_PM_x_at	IGH@ /// IGH1A1 /// IGH2A /// IGH2B /// IGH2C /// IGH3 /// IGH4	1.412008	4.564763	5.836915	1.51E-08	1.46E-07	9.007308
LOC100130933	236098_PM_at	-1.7	0.7	2.1E-06	242374_PM_s_at	EMILIN2	1.411965	5.350352	8.86975	1.01E-16	5.10E-15	27.36512
ALDH8A1	220148_PM_at	-1.7	0.7	3.5E-04	204220_PM_at	GMFG	1.410154	8.403211	11.04119	1.18E-23	3.36E-21	43.02735
RAB7L1	218699_PM_at	-1.7	0.7	4.2E-06	224927_PM_at	KIAA1949	1.408779	8.29019	10.7264	1.31E-22	2.62E-20	40.66504
MLXPL	221163_PM_s_at	-1.7	0.7	1.2E-09	203021_PM_at	STR5A4	1.408773	4.178183	10.75442	1.06E-22	1.27E-20	40.87422
TMEM139	227753_PM_at	-1.7	0.7	1.3E-05	204665_PM_at	---	1.408571	4.37506	9.816705	1.16E-19	1.07E-17	34.00002
INPP5I	213651_PM_at	-1.7	0.7	6.5E-09	202157_PM_s_at	CELF2	1.407797	8.459997	8.819786	1.42E-16	6.97E-15	27.02488
ABCC6 /// ABCC6P2	214033_PM_at	-1.7	0.7	4.3E-04	1559425_PM_at	---	1.406999	5.568317	8.770323	2.01E-16	9.68E-15	26.68909
GPR116	212950_PM_at	-1.7	0.7	8.9E-08	212873_PM_at	HMH1A	1.406421	6.268156	9.982435	3.43E-20	3.60E-18	35.19477
NPHS1	207673_PM_at	-1.7	0.7	1.2E-06	214084_PM_x_at	LOC100289727 /// NCF1 /// NCF1B /// NCF1C	1.404174	4.870609	9.144983	1.46E-17	8.61E-16	29.25788
HIRA	217427_PM_s_at	-1.7	0.7	6.8E-08	202910_PM_s_at	CD97	1.404122	6.778509	10.91047	3.22E-23	7.83E-21	42.04316
KLKB1	206541_PM_at	-1.7	0.7	6.7E-09	220188_PM_at	C21orf96	1.402239	4.894533	9.379173	2.76E-18	1.91E-16	30.89211
GPR137B	204137_PM_at	-1.7	0.7	4.8E-07	203932_PM_at	HLA-DMB	1.40049	9.41522	11.50012	3.39E-25	1.96E-22	46.51591
SLIT2	209897_PM_s_at	-1.7	0.7	7.9E-06	218223_PM_s_at	PLEKHO1	1.399398	6.071202	9.127152	1.65E-17	9.69E-16	29.13432
HBB	209116_PM_x_at	-1.7	0.7	1.9E-03	238025_PM_at	MLKL	1.398709	6.156581	10.13942	1.07E-20	1.29E-18	36.33485
LOC100294402 /// SIGIRR	218921_PM_at	-1.7	0.7	6.8E-08	222549_PM_at	CLDN1	1.398625	7.605503	7.766111	1.67E-13	4.68E-12	20.11216
PNP	201695_PM_s_at	-1.7	0.7	1.2E-07	204197_PM_s_at	RUNX3	1.398253	4.53362	10.14984	9.95E-21	1.21E-18	36.41078
TBC1D13	218596_PM_at	-1.7	0.7	1.1E-12	227030_PM_at	---	1.398201	4.942368	9.444115	1.73E-18	1.24E-16	31.349
SLC26A4	206529_PM_x_at	-1.7	0.7	2.3E-04	221581_PM_s_at	LAT2	1.3973	5.209601	10.94934	2.39E-23	6.01E-21	42.33537
JNSR	207851_PM_s_at	-1.7	0.7	9.7E-07	232724_PM_at	MS4A6A	1.396814	4.831319	10.57374	4.16E-22	7.27E-20	39.52908
CBARA1	216903_PM_s_at	-1.7	0.7	3.5E-11	204174_PM_at	ALOX5AP	1.390065	7.555622	8.943958	6.00E-17	3.18E-	

DDO	207418_PM_s_at	-1.6	0.7	1.6E-08	214085_PM_x_at	GLUPR1	1.357904	7.626473	8.62469	4.83E-16	2.15E-14	25.82748
FCN3	205866_PM_at	-1.6	0.7	3.8E-04	237104_PM_at	---	1.357477	4.258861	9.979405	3.51E-20	3.67E-18	35.17284
TSPAN7	202242_PM_at	-1.6	0.7	2.3E-08	214973_PM_x_at	IGHD /// LOC100290059 /// LOC100292999	1.357211	4.652342	5.546617	6.91E-08	5.72E-07	7.51001
CYP2B6	206755_PM_at	-1.6	0.7	1.1E-08	210754_PM_s_at	LYN	1.355969	6.322134	7.379437	1.95E-12	4.34E-11	17.71297
C8orf55	218500_PM_at	-1.6	0.7	3.5E-08	226621_PM_at	OSMR	1.353369	9.058948	11.90786	1.39E-26	2.24E-23	49.65503
GLIS1	244128_PM_x_at	-1.6	0.7	3.0E-08	205987_PM_at	CD1C	1.352224	6.050951	7.226484	5.03E-12	1.03E-10	16.78625
SLC35B4	225881_PM_at	-1.6	0.7	1.5E-12	209803_PM_s_at	PHLDA2	1.352163	5.805917	8.416243	2.26E-15	8.94E-14	24.31648
TSPAN33	225775_PM_at	-1.6	0.7	2.9E-08	228617_PM_at	XAF1	1.351839	8.64487	8.346396	3.63E-15	1.38E-13	23.85511
PDZD2	209493_PM_at	-1.6	0.7	1.6E-08	221969_PM_at	PAX5	1.351822	4.166245	6.929017	3.08E-11	5.44E-10	15.0218
ACADM	202502_PM_at	-1.6	0.7	1.8E-11	1555638_PM_a_at	SAMSN1	1.351527	5.039098	7.873027	8.33E-14	2.48E-12	20.7893
ARHGAP28	227911_PM_at	-1.6	0.7	4.4E-07	239196_PM_at	ANKRD22	1.34886	5.096746	9.155206	1.36E-17	8.06E-16	29.32877
STRADB	223266_PM_at	-1.6	0.7	1.4E-09	206637_PM_at	P2RY14	1.348085	5.486304	8.403964	2.46E-15	9.65E-14	24.23522
FBXO17 /// SARS2	220233_PM_at	-1.6	0.7	1.4E-07	217418_PM_x_at	MSA41	1.347976	4.252696	7.075803	1.27E-11	2.39E-10	15.88613
KCNE1	208514_PM_at	-1.6	0.7	2.7E-10	220351_PM_at	CCR1L	1.346941	5.475346	8.595505	6.68E-16	2.92E-14	25.51075
TNFRSF21	214581_PM_x_at	-1.6	0.7	7.7E-07	225799_PM_at	LOC541471 /// NCRNA00152	1.345686	8.707807	10.83194	5.86E-23	1.33E-20	41.45413
NCRNA00086 /// NCRNA00087	227909_PM_at	-1.6	0.7	1.3E-06	226641_PM_at	---	1.345238	6.499228	8.627306	5.37E-16	2.37E-14	25.7241
PTPRD	205712_PM_at	-1.6	0.7	8.1E-05	213293_PM_s_at	TRIM22	1.34359	9.582926	10.43266	1.20E-21	1.85E-19	38.48527
GPX3	201348_PM_at	-1.6	0.7	4.3E-05	203936_PM_s_at	MMP9	1.342611	5.375679	5.07426	7.23E-07	4.71E-06	5.283741
OGDHL	219277_PM_s_at	-1.6	0.7	1.1E-04	203892_PM_at	WFD2	1.341264	10.21367	7.016991	1.81E-11	3.35E-10	15.53832
RMND1	220329_PM_s_at	-1.6	0.7	5.6E-06	204994_PM_at	MX2	1.341113	5.897344	8.157835	1.28E-14	4.39E-13	22.62093
ANXA13	208323_PM_s_at	-1.6	0.7	2.5E-04	204221_PM_x_at	GLUPR1	1.340431	6.439115	8.462203	1.66E-15	6.68E-14	24.62129
TRPM3	211422_PM_at	-1.6	0.7	8.1E-13	206765_PM_at	KCNJ2	1.338826	5.669478	8.089881	2.01E-14	6.67E-13	22.18031
NAT8	210289_PM_at	-1.6	0.7	1.9E-03	38241_PM_at	BTN3A3	1.338104	6.752539	8.917303	7.22E-17	3.79E-15	27.68992
SLC1A1	206396_PM_at	-1.6	0.7	2.0E-06	236783_PM_at	KCNIP4	1.335971	7.170413	8.211515	8.95E-15	3.18E-13	22.97057
CA2	209301_PM_at	-1.6	0.7	2.8E-06	218983_PM_at	C1RL	1.333551	7.497017	11.34094	1.17E-24	5.21E-22	45.30027
SGK2	220357_PM_s_at	-1.6	0.7	1.0E-05	201694_PM_s_at	EGR1	1.33027	6.469131	7.551414	6.59E-13	1.60E-11	18.77023
PECI	218025_PM_s_at	-1.6	0.7	1.1E-08	205671_PM_s_at	HLA-DOB	1.330069	4.77512	9.633282	4.41E-19	3.57E-17	32.68874
SLC9A3R1	201349_PM_at	-1.6	0.7	1.7E-05	228376_PM_at	GGTA1	1.329753	9.24717	9.35155	3.36E-18	2.28E-16	30.69825
ASB15	1564679_PM_at	-1.6	0.7	5.4E-12	206407_PM_s_at	CCL13	1.327191	4.727753	7.945037	5.21E-14	1.61E-12	21.24862
SERPINA4	213874_PM_at	-1.6	0.7	4.1E-09	208998_PM_at	UCP2	1.327142	9.152724	8.03695	2.85E-14	9.22E-13	21.83864
PRLR	206346_PM_at	-1.6	0.7	8.4E-11	219938_PM_s_at	PSTPIP2	1.323834	4.807259	9.821	1.12E-19	1.04E-17	34.03087
LGSN	220393_PM_at	-1.6	0.7	2.7E-07	222859_PM_s_at	DAP11	1.321418	4.150164	10.37144	1.90E-21	2.76E-19	38.03421
GHR	205498_PM_at	-1.6	0.7	2.8E-07	206157_PM_at	PTX3	1.321074	4.21365	7.002347	1.98E-11	3.63E-10	15.45203
C16orf89	229177_PM_at	-1.6	0.7	3.6E-04	221601_PM_s_at	FAIM3	1.318241	4.609173	8.0955	1.94E-14	4.64E-13	22.21666
NGEF	227240_PM_at	-1.6	0.7	1.8E-08	213418_PM_at	HSPA6	1.318223	5.859003	9.975568	3.61E-20	3.71E-18	35.14508
APLNR	213592_PM_at	-1.6	0.7	6.5E-06	214995_PM_s_at	APOBEC3F /// APOBEC3G	1.318134	5.721707	9.178523	1.15E-19	6.93E-16	29.49061
NDUF51	203039_PM_s_at	-1.6	0.7	8.6E-06	1555812_PM_a_at	ARHGDB1B	1.318059	7.763282	5.77413	5.58E-13	1.38E-11	18.93144
SUOX	204067_PM_at	-1.6	0.7	1.1E-08	209515_PM_at	RAB27A	1.317538	7.388766	12.20594	1.32E-27	3.76E-24	51.97095
TCEA2	203919_PM_at	-1.6	0.7	5.3E-10	209546_PM_s_at	APO1L	1.317499	7.730073	10.62618	2.80E-22	5.05E-20	39.91857
FAM119B	213861_PM_s_at	-1.6	0.7	1.5E-07	208805_PM_at	NAP5B	1.317109	6.872595	7.007692	1.92E-11	3.52E-10	15.48351
HYAL1	210619_PM_s_at	-1.6	0.7	7.9E-06	219033_PM_at	PARP8	1.316548	5.984553	11.37148	9.22E-25	4.27E-22	45.53304
METTL7A	207761_PM_s_at	-1.6	0.7	4.2E-07	202357_PM_s_at	CFB	1.316028	8.507794	9.554127	7.83E-19	5.97E-17	32.12655
LRRC19	220376_PM_at	-1.6	0.7	1.4E-04	202637_PM_at	ICAM1	1.313025	6.648543	9.842316	9.61E-20	9.06E-18	34.18405
CAT	201432_PM_at	-1.6	0.7	9.1E-05	1552398_PM_a_at	CLEC12A /// CLEC12B	1.312691	4.454398	10.03321	2.36E-20	2.58E-18	35.56263
SLC22A18	204981_PM_at	-1.6	0.7	4.4E-05	225626_PM_at	PAG1	1.312304	6.75865	9.249341	6.96E-18	4.44E-16	29.98348
SESN2	223195_PM_s_at	-1.6	0.7	5.0E-09	241891_PM_at	---	1.31177	5.232093	8.790171	1.75E-16	8.48E-15	26.8237
STAU1	207320_PM_x_at	-1.6	0.7	4.8E-21	230383_PM_x_at	---	1.311707	6.281986	9.037733	3.11E-17	1.75E-15	28.51666
ROGDI	218394_PM_at	-1.6	0.7	1.7E-10	219716_PM_at	APO16	1.308841	6.613423	10.33463	2.51E-21	3.60E-19	37.76346
ABC2G	209735_PM_at	-1.6	0.7	3.7E-08	205174_PM_s_at	QPCT	1.308683	7.031975	8.768055	2.04E-16	9.81E-15	26.67371
BHMT2	219902_PM_at	-1.6	0.7	3.1E-05	219759_PM_at	ERAP2	1.308392	6.212164	5.892119	1.13E-08	1.12E-07	9.292727
ATP6V1B1	205473_PM_at	-1.6	0.7	2.6E-12	243271_PM_at	---	1.3083	6.250863	8.287686	5.38E-15	1.99E-13	23.46905
PPARA	206870_PM_at	-1.6	0.7	7.6E-09	1563509_PM_at	---	1.307911	4.462002	10.38805	1.68E-21	2.51E-19	38.15643
HPN	204934_PM_s_at	-1.6	0.7	3.8E-05	219519_PM_s_at	SIGLEC1	1.306091	4.551746	8.63014	5.27E-16	2.33E-14	25.74314
FAAH	204231_PM_s_at	-1.6	0.7	2.3E-08	233690_PM_at	---	1.305824	4.437547	8.421258	2.18E-15	8.66E-14	24.35149
RBPM52	228802_PM_at	-1.6	0.7	8.8E-07	202626_PM_s_at	LYN	1.301667	7.69533	10.44194	1.12E-21	1.74E-19	38.55381
ACOX1	207656_PM_s_at	-1.6	0.7	4.3E-08	213415_PM_at	CLIC2	1.301439	6.800355	9.636839	4.30E-19	3.49E-17	32.71405
ASL	204608_PM_at	-1.6	0.7	3.2E-06	201506_PM_at	TGFB1	1.301127	9.186998	8.949362	5.77E-17	3.08E-15	27.90942
TMEM37	1554483_PM_at	-1.6	0.7	1.5E-05	1557632_PM_at	---	1.299864	4.54085	10.12229	1.22E-20	1.44E-18	26.21006
GTGLC1	211416_PM_x_at	-1.6	0.7	1.3E-04	211635_PM_x_at	IGH @ /// IGH1 @ /// IGH2 @ /// IGH3 @ /// IGH4 @ /// IGH5 @ /// IGH6 @ /// IGH7 @ /// IGH8 @ /// IGH9 @	1.299714	4.943376	5.668883	3.68E-08	3.23E-07	8.150419
PRSS8	202525_PM_at	-1.6	0.7	3.0E-05	228258_PM_at	TBC1D10C	1.29937	4.576299	9.27463	5.81E-18	3.75E-16	30.15996
TMEM72	1558323_PM_at	-1.6	0.7	5.4E-04	219505_PM_at	CECR1	1.296297	8.551216	8.757501	2.19E-16	1.05E-14	26.60221
TMEM192 /// ZNF320	1555790_PM_a_at	-1.6	0.7	3.7E-07	1569225_PM_a_at	SCML4	1.29624	4.026484	8.657672	4.36E-16	1.96E-14	25.92825
ATP6V1B2	201089_PM_at	-1.6	0.7	3.9E-06	200887_PM_s_at	STAT1	1.294968	10.49698	11.07996	8.77E-24	2.60E-21	43.32006
ADSSL1	226325_PM_at	-1.6	0.7	4.3E-08	240413_PM_at	PYH1N1	1.294718	3.91815	9.97631	3.59E-20	3.70E-18	35.15045
BCKDHB	210653_PM_s_at	-1.6	0.7	4.4E-06	202659_PM_at	PSMB10	1.294477	8.332858	11.8044	3.14E-26	3.63E-23	48.8552
FLJ3786	1558579_PM_at	-1.6	0.7	3.2E-06	201761_PM_at	MTHFD2	1.292498	7.716967	9.368641	2.97E-18	2.04E-16	30.81816
ACAD8	221669_PM_s_at	-1.6	0.7	7.8E-07	204951_PM_at	RHOH	1.290509	4.221985	9.642193	4.14E-19	3.39E-17	32.75217
ABHD10	218633_PM_x_at	-1.6	0.7	1.9E-09	221978_PM_at	HLA-F	1.290382	5.101468	9.193955	1.03E-17	6.28E-16	29.59785
HMGCL	202772_PM_at	-1.6	0.7	1.1E-10	208966_PM_x_at	IFI16	1.289809	9.311811	10.4113	1.41E-21	2.13E-19	38.32775
DLST	215210_PM_s_at	-1.6	0.7	2.8E-10	1557905_PM_s_at	CD44	1.288719	5.274195	7.136928	8.73E-12	1.70E-10	16.24971
ALDH7A1	208950_PM_s_at	-1.6	0.7	1.4E-06	203485_PM_at	RTN1	1.288116	6.403176	9.694045	2.84E-19	2.42E-17	33.12182
TST	209605_PM_at	-1.6	0.7	6.5E-07	205668_PM_at	LY75	1.286914	6.382479	7.626975	4.07E-13	1.05E-11	19.23976
CA4	206208_PM_at	-1.6	0.7	5.7E-04	217478_PM_s_at	HLA-DMA	1.286419	9.514996	9.957612	4.12E-20	4.20E-18	35.01524
SLC22A2	207429_PM_at	-1.6	0.7	6.2E-04	226368_PM_at	CHST11	1.285237	5.197551	9.996337	3.10E-20	3.28E-18	35.29541
ETFDF	205530_PM_at	-1.6	0.7	1.1E-07	231747_PM_at	CYS1LR1	1.28517	5.09473	9.617772	4.94E-19	3.98E-17	32.57841
NDRG1	200632_PM_s_at	-1.6	0.7	2.4E-09	241347_PM_at	RNF213	1.279993	7.245717	9.021383	3.49E-17	1.94E-15	28.40407
CCDC90A	220094_PM_s_at	-1.6	0.7	2.2E-10	227384_PM_s_at	---	1.277373	7.904641	7.861161	9.00E-14	2.67E-12	20.71386
NINL	207705_PM_s_at	-1.6	0.7	9.9E-08	218870_PM_at	ARHGAP15	1.276766	7.55536	8.305675	4.77E-15	1.78E-13	23.58716
KIAA1958	228349_PM_at	-1.6	0.7	4.0E-10	244654_PM_at	MYO1G	1.276007	4.366243	9.797029	1.34E-19	1.22E-17	33.8588
PCOLCE2	219295_PM_s_at											

NHSL1	226490_PM_at	-1.6	0.7	2.7E-11	230925_PM_at	APBB1IP	1.250222	7.628377	8.614419	5.87E-16	2.58E-14	25.63759
LINS2	228583_PM_at	-1.6	0.7	3.5E-10	219528_PM_s_at	BCL11B	1.248638	4.181411	8.86968	1.01E-16	5.10E-15	27.36644
ZFYVE21	219929_PM_s_at	-1.6	0.7	1.0E-04	205843_PM_s_at	ISG15	1.246758	8.493528	7.799396	1.34E-13	3.82E-12	20.32234
SLC25A42	226737_PM_at	-1.6	0.7	1.2E-10	201743_PM_at	CD14	1.244879	8.320948	8.683212	3.66E-16	1.68E-14	26.10026
ATXN7L1	214342_PM_at	-1.6	0.7	1.4E-08	209360_PM_s_at	RUNX1	1.243477	9.566777	8.584174	7.22E-16	3.14E-14	25.43483
LOC100289219	242705_PM_x_at	-1.6	0.7	1.7E-06	203052_PM_at	CX2	1.241402	6.639123	7.835833	1.06E-13	3.10E-12	20.55308
ACSM2A /// ACSM2B /// LOC1	214069_PM_at	-1.6	0.7	4.1E-03	237753_PM_at	---	1.240902	4.161356	8.846443	1.18E-16	5.89E-15	27.20627
USH1C	205137_PM_x_at	-1.6	0.7	7.0E-04	221087_PM_s_at	APOL3	1.239351	8.132905	10.22081	5.87E-21	7.59E-19	36.92902
HRSF12	203790_PM_s_at	-1.6	0.7	3.0E-06	227253_PM_at	CP	1.238942	4.705277	8.888854	8.82E-17	4.51E-15	27.49365
LGMN	201121_PM_at	-1.6	0.7	3.2E-07	235175_PM_at	GBP4	1.238268	5.209475	7.537512	7.19E-13	1.74E-11	18.68417
NR0B2	206410_PM_at	-1.6	0.7	3.8E-10	214791_PM_at	SP140L	1.237002	6.437109	9.496992	1.18E-18	8.73E-17	31.72217
DEK1	203733_PM_at	-1.6	0.7	2.6E-09	202075_PM_s_at	PLTP	1.236915	6.89527	7.806057	1.29E-13	3.68E-12	20.36447
LOC388387	1556737_PM_at	-1.6	0.7	8.6E-08	210356_PM_x_at	MSA41	1.235997	4.295072	6.585289	2.34E-10	3.40E-09	13.04781
DNAJC22	220441_PM_at	-1.6	0.7	3.7E-07	225602_PM_at	GLI2R2	1.235645	6.532337	7.760552	1.73E-13	4.82E-12	20.07711
ANKRD46	212731_PM_at	-1.6	0.7	1.7E-08	207610_PM_s_at	EMR2	1.235349	4.182755	9.566004	7.18E-19	5.58E-17	32.21076
SMTNL2	229730_PM_at	-1.6	0.7	8.2E-07	1554474_PM_a_at	MOXD1	1.235226	6.529508	5.870478	1.27E-08	1.24E-07	9.180592
GPR160	223423_PM_at	-1.6	0.7	2.0E-05	204070_PM_at	RARRES3	1.235018	9.968806	10.24648	4.85E-21	6.36E-19	37.11689
CAMK2N1	218309_PM_at	-1.6	0.7	5.0E-05	214453_PM_s_at	IFI44	1.232616	7.288165	6.674712	1.39E-10	2.11E-09	13.55448
SDC1	201286_PM_at	-1.6	0.7	1.4E-04	205988_PM_at	CD84	1.230987	5.306862	10.00618	2.88E-20	3.06E-18	35.36673
DECR2	219664_PM_s_at	-1.6	0.7	9.8E-07	211924_PM_s_at	PLAUR	1.230491	5.015601	7.761309	1.72E-13	4.82E-12	20.08018
EBP	202735_PM_at	-1.6	0.7	6.8E-08	218638_PM_s_at	SPON2	1.229668	6.238577	6.865459	4.50E-11	7.66E-10	14.65146
OXT	207576_PM_x_at	-1.6	0.7	2.7E-08	222891_PM_s_at	BCL11A	1.229296	4.361894	7.69956	2.56E-13	6.91E-12	19.69362
FRMD7	233047_PM_at	-1.6	0.7	3.8E-12	226725_PM_at	---	1.228884	7.101536	9.762394	1.72E-19	1.54E-17	33.61053
ASPSCR1	218908_PM_at	-1.6	0.7	5.8E-10	210116_PM_at	SH2D1A	1.228502	4.281647	8.821699	1.41E-16	6.91E-15	27.03788
MAOB	204041_PM_at	-1.6	0.6	1.6E-07	224733_PM_at	CMTM3	1.228184	8.041636	9.937924	4.77E-20	4.79E-18	34.87298
NAGLU	204360_PM_s_at	-1.6	0.6	4.8E-09	243296_PM_at	NAMPT	1.22612	5.604502	7.737316	2.01E-13	5.53E-12	19.93079
PDE10A	205501_PM_at	-1.6	0.6	3.4E-05	240972_PM_at	OAS2	1.222555	4.991982	7.286207	3.48E-12	7.41E-11	17.14656
FAM54B	224280_PM_s_at	-1.6	0.6	4.9E-09	212067_PM_s_at	C1R	1.221008	9.340196	8.014252	3.31E-14	1.06E-12	21.69255
ACSS2	234312_PM_s_at	-1.6	0.6	1.3E-10	244008_PM_at	PARR8	1.219884	5.84665	8.654234	4.47E-16	2.00E-14	25.90512
SLC25A11	207088_PM_s_at	-1.6	0.6	1.7E-08	202638_PM_s_at	ICAM1	1.218801	5.589771	8.006487	3.48E-14	1.11E-12	21.64263
SDHC	202004_PM_x_at	-1.6	0.6	6.3E-10	224909_PM_s_at	PREX1	1.218724	5.430174	9.657667	3.70E-19	3.05E-17	32.86238
CELSR1	41660_PM_at	-1.6	0.6	5.0E-06	202686_PM_s_at	AXL	1.218538	7.033574	7.558862	8.59E-16	3.67E-14	25.26412
RBP5	223820_PM_at	-1.6	0.6	2.7E-03	228143_PM_at	CP	1.218412	4.943346	7.455613	1.21E-12	2.81E-11	18.17931
PNPO	218511_PM_s_at	-1.6	0.6	5.5E-09	236293_PM_at	---	1.217544	3.98491	8.566192	8.65E-16	3.51E-14	25.31448
DNAJB1	200664_PM_s_at	-1.6	0.6	1.8E-10	204860_PM_s_at	NAIP	1.216797	6.731955	7.43357	1.39E-12	3.18E-11	18.04404
NIPSNAP1	201708_PM_s_at	-1.6	0.6	3.8E-06	226117_PM_at	TIFA	1.215563	6.485273	9.046293	2.93E-17	1.65E-15	28.57565
GPT	206709_PM_x_at	-1.6	0.6	5.4E-08	236782_PM_at	SAMD03	1.215498	4.276267	9.689324	2.94E-19	2.49E-17	33.08813
C1orf115	218546_PM_at	-1.6	0.6	5.3E-09	242878_PM_at	---	1.214795	5.289246	9.718294	2.38E-19	2.07E-17	33.29520
FAM195A	225861_PM_at	-1.6	0.6	8.8E-07	225562_PM_at	RASA3	1.213657	6.253993	9.012655	1.15E-18	8.49E-17	31.75237
PKP2	207717_PM_s_at	-1.6	0.6	4.0E-08	209901_PM_x_at	AIF1	1.212807	9.131517	9.679865	3.15E-19	2.65E-17	33.02064
AQP1	207542_PM_s_at	-1.6	0.6	8.7E-05	227607_PM_at	STAMPB1	1.212207	6.248061	10.798	7.58E-23	1.63E-20	41.19999
SLC22A5	205074_PM_at	-1.6	0.6	2.0E-05	211005_PM_at	LAT /// SPNS1	1.20832	5.23581	8.857331	1.10E-16	5.49E-15	27.28045
CWH43	220723_PM_s_at	-1.6	0.6	7.4E-06	201473_PM_at	JUNB	1.208032	7.331014	9.86442	8.18E-20	7.84E-18	34.34305
IGFAP2	203474_PM_at	-1.6	0.6	3.7E-06	236921_PM_at	---	1.207982	4.131322	8.910594	7.57E-17	3.95E-15	27.64404
ACAT1	205412_PM_at	-1.6	0.6	5.7E-09	31845_PM_at	ELF4	1.206127	5.841737	9.558246	7.60E-19	1.84E-17	32.15575
LHPP	218523_PM_at	-1.6	0.6	1.7E-07	204236_PM_at	FLI1	1.204956	5.697139	8.398067	2.56E-15	1.00E-13	24.19621
F11	206610_PM_s_at	-1.6	0.6	4.6E-11	204285_PM_at	PMAI1P	1.204251	4.23087	8.457641	1.71E-15	6.88E-14	24.59099
MYL3	205589_PM_at	-1.6	0.6	5.5E-03	206060_PM_s_at	PTPN22	1.204227	3.933291	9.343243	3.56E-18	2.40E-16	30.64127
ENPP7	238245_PM_at	-1.6	0.6	4.1E-09	209761_PM_s_at	SP110	1.202539	6.150344	7.594588	5.01E-13	1.25E-11	19.03814
IP6K3	231179_PM_at	-1.6	0.6	1.5E-05	213095_PM_x_at	AIF1	1.202004	9.247331	9.592865	5.91E-19	4.68E-17	32.4014
TTR	209660_PM_at	-1.6	0.6	6.3E-05	207339_PM_s_at	LTB	1.201252	6.652056	7.655886	3.38E-13	8.84E-12	19.4202
ALDH3B1	205640_PM_at	-1.6	0.6	3.7E-07	206247_PM_at	MICB	1.200326	4.990116	10.19363	7.18E-21	9.04E-19	36.73041
CRABP1	205350_PM_at	-1.6	0.6	1.2E-08	217763_PM_s_at	RAB31	1.199981	8.244088	9.241665	7.35E-18	4.63E-16	29.92997
PCYOX1	203803_PM_at	-1.6	0.6	1.3E-07	201890_PM_at	RRM2	1.197999	4.724325	6.603304	2.11E-10	3.10E-09	13.14797
THNSL2	219044_PM_at	-1.6	0.6	3.5E-06	215051_PM_x_at	AIF1	1.195182	9.501834	9.432207	1.88E-18	1.34E-16	31.2651
C8orf82	226710_PM_at	-1.6	0.6	1.1E-08	240572_PM_s_at	LOC374443	1.195096	4.276139	9.638591	4.25E-19	3.46E-17	32.72652
C6orf108	204238_PM_s_at	-1.6	0.6	3.7E-07	224357_PM_s_at	MS4A4A	1.194853	6.029183	8.679338	3.76E-16	1.72E-14	26.07415
STARD10	223103_PM_at	-1.6	0.6	1.9E-07	226603_PM_at	SAMD07	1.193742	7.601461	9.088762	2.17E-17	1.25E-15	28.86833
SHBG	215689_PM_s_at	-1.5	0.6	3.1E-10	AFFX-HUMISGF3A/M	STAT1	1.193477	6.620461	5.812808	1.72E-08	1.64E-07	8.883321
MCAT	213132_PM_s_at	-1.5	0.6	2.0E-09	230000_PM_at	RNF213	1.193286	6.528496	8.645546	4.74E-16	2.11E-14	25.84668
TMEM192	226589_PM_at	-1.5	0.6	2.2E-06	216005_PM_at	TNC	1.192824	4.723195	6.693676	1.24E-10	1.91E-09	13.66256
D2HGDH	228738_PM_at	-1.5	0.6	2.6E-09	227178_PM_at	CLF2	1.190579	4.89643	9.012573	3.71E-17	2.05E-15	28.34345
FDX1	203646_PM_at	-1.5	0.6	3.9E-12	206632_PM_s_at	APOBEC3B	1.188599	4.270095	7.964866	4.57E-14	1.43E-12	21.37556
BDH2	218285_PM_s_at	-1.5	0.6	2.7E-07	1559882_PM_at	SAMHD1	1.18738	4.589431	8.356364	3.39E-15	1.30E-13	23.92081
FLJ37644 /// LOC727973	230419_PM_at	-1.5	0.6	9.7E-05	217143_PM_s_at	TRA@ /// TRD@	1.187358	4.539957	7.781809	1.51E-13	4.27E-12	20.20667
CISD3	226727_PM_at	-1.5	0.6	1.6E-08	207697_PM_x_at	LILRB2	1.186913	5.705741	9.314785	4.37E-18	2.91E-16	30.44068
TCL6	207894_PM_s_at	-1.5	0.6	2.6E-16	228152_PM_s_at	DDX60L	1.185426	6.241545	7.915038	6.34E-14	1.94E-12	21.05696
MOCS1	211673_PM_s_at	-1.5	0.6	1.2E-12	218883_PM_s_at	MLF1P	1.184783	5.594659	7.662594	3.24E-13	8.53E-12	19.46213
EPB41L3	206710_PM_s_at	-1.5	0.6	6.0E-06	214723_PM_x_at	ANKRD36	1.182859	6.362121	7.204098	5.78E-12	1.17E-10	16.65171
PKC1	208383_PM_s_at	-1.5	0.6	8.9E-03	238558_PM_at	---	1.182055	6.952843	8.068522	2.31E-14	7.63E-13	22.04227
GATM	203178_PM_at	-1.5	0.6	3.3E-07	200953_PM_s_at	CCND2	1.181921	8.610001	8.830874	1.32E-16	6.51E-15	27.10029
GGH	203560_PM_at	-1.5	0.6	5.0E-05	210222_PM_s_at	RTN1	1.181093	5.319729	9.076465	2.19E-17	1.26E-15	28.86103
MTRF1	203207_PM_s_at	-1.5	0.6	3.0E-06	211641_PM_x_at	IGH@ /// IGH1A /// IGH2A /// IGH3 /// IGHG1 /// IGHG2 /// IGHG3 /// IGHG4 /// IGHG5	1.181058	4.638802	5.522009	7.84E-08	6.39E-07	47.19445
C10orf58	224435_PM_at	-1.5	0.6	2.7E-08	203828_PM_s_at	IL32	1.18062	7.885442	8.358943	3.33E-15	1.28E-13	23.93783
DEFB1	210397_PM_at	-1.5	0.6	5.7E-04	210982_PM_s_at	HLA-DRA	1.178899	11.19543	8.026326	3.05E-14	9.85E-13	21.77028
PCBD1	203557_PM_s_at	-1.5	0.6	1.3E-05	202208_PM_s_at	ARL4C	1.175777	6.41275	9.721001	2.33E-19	2.04E-17	33.31437
WT1	206067_PM_s_at	-1.5	0.6	1.0E-04	230036_PM_at	SAMD09L	1.175122	6.707764	9.666554	3.47E-19	2.90E-17	32.92572
ACOT13	204565_PM_at	-1.5	0.6	9.1E-07	203385_PM_at	DGKA	1.174687	4.642284	8.889189	8.79E-17	4.50E-15	27.49778
OGG1	205301_PM_s_at	-1.5	0.6	6.6E-09	205804_PM_s_at	TRAF3IP3	1.174335	5.390271	8.731788	2.62E-16	1.23E-14	26.42821
C11orf71	218789_PM_s_at	-1.5	0.6	1.8E-10	218805_PM_at	GIMAP5	1.172474	8.320437	10.474			

EGOT	222314_PM_x_at	-1.5	0.6	8.6E-08	202391_PM_at	BASP1	1.143204	8.231378	7.146601	8.25E-12	1.62E-10	16.30422
SLC3A1A	203971_PM_at	-1.5	0.6	2.2E-08	215565_PM_at	---	1.142915	3.899341	6.037867	5.12E-09	5.53E-08	10.05618
GLB1L2	213713_PM_s_at	-1.5	0.6	6.2E-07	37145_PM_at	GNLY	1.142407	5.027335	5.950574	8.22E-09	8.42E-08	9.597207
GNPDA1	202382_PM_s_at	-1.5	0.6	1.7E-10	237169_PM_at	---	1.141715	5.080632	6.007989	6.02E-09	6.40E-08	9.898514
FKBP2	203391_PM_at	-1.5	0.6	1.6E-05	205965_PM_at	BATF	1.141588	4.630349	10.66821	2.03E-22	3.84E-20	40.23129
PNPLA4	209739_PM_s_at	-1.5	0.6	3.7E-08	208540_PM_x_at	S100A11	1.140138	9.169996	8.914423	7.37E-17	3.86E-15	27.67022
MAN1C1	214180_PM_at	-1.5	0.6	9.3E-07	219387_PM_at	CCDC88A	1.139601	6.704346	6.093595	3.77E-09	4.20E-08	10.35185
CALML4	221879_PM_at	-1.5	0.6	5.6E-06	219117_PM_s_at	FKBP11	1.138885	8.551215	10.23619	5.23E-21	6.84E-19	37.04561
TM75F3	217974_PM_at	-1.5	0.6	2.2E-09	237625_PM_s_at	IGK _κ /// IGKC	1.138247	4.563608	6.411113	6.38E-10	8.36E-09	12.07518
ACOT6	241949_PM_at	-1.5	0.6	2.4E-06	204510_PM_at	STAB1	1.138023	6.590263	8.490137	1.37E-15	5.62E-14	24.80702
FBXO21	212229_PM_s_at	-1.5	0.6	5.8E-09	241435_PM_at	---	1.137704	7.24862	7.657321	3.35E-13	8.78E-12	19.42917
UGT1A1 /// UGT1A10 /// UGT1A10	204532_PM_x_at	-1.5	0.6	6.7E-03	226936_PM_at	CENPW	1.134698	4.951973	8.559628	8.54E-16	3.66E-14	25.27057
XPO7	208459_PM_s_at	-1.5	0.6	3.3E-08	235766_PM_x_at	---	1.132949	7.716777	9.897076	6.43E-20	6.27E-18	34.57826
PHB	200658_PM_s_at	-1.5	0.6	7.8E-09	209310_PM_s_at	CASP4	1.132337	7.958794	11.12777	6.07E-24	1.87E-21	43.68158
SLC25A39	223649_PM_s_at	-1.5	0.6	1.3E-06	242521_PM_at	---	1.132233	7.277067	10.12924	1.16E-20	1.37E-18	36.26071
SLC16A2	204462_PM_s_at	-1.5	0.6	1.5E-08	204829_PM_s_at	FOLR2	1.132216	7.565839	7.863897	8.84E-14	2.63E-12	20.73125
APITD1	213454_PM_at	-1.5	0.6	2.2E-07	238480_PM_at	TTCC39C	1.130216	5.000193	8.712165	3.00E-16	1.39E-14	26.29561
C19orf28	220178_PM_at	-1.5	0.6	4.5E-09	205298_PM_s_at	BTN2A2	1.129451	6.512276	10.21101	6.31E-21	8.11E-19	36.8574
TYRP1	205694_PM_at	-1.5	0.6	6.0E-03	209734_PM_at	NCKAP1L	1.126344	5.122568	8.154677	1.31E-14	4.47E-13	22.6004
IDH2	210045_PM_at	-1.5	0.6	7.3E-08	225931_PM_s_at	RNF213	1.124796	7.073616	8.263123	6.34E-15	2.32E-13	23.308
LOC100129488	244723_PM_at	-1.5	0.6	2.8E-03	204803_PM_s_at	RRAD	1.124383	6.28431	5.841997	1.47E-08	1.42E-07	9.033498
ASP	219087_PM_at	-1.5	0.6	5.5E-03	208747_PM_s_at	C115	1.123545	10.08437	8.733198	2.59E-16	1.22E-14	26.43774
FAM132A	243292_PM_at	-1.5	0.6	9.1E-06	209762_PM_x_at	SP110	1.121904	7.114233	10.01859	2.63E-20	2.81E-18	35.45661
EMCN	219436_PM_s_at	-1.5	0.6	1.1E-05	235122_PM_at	HIVEP3	1.121619	4.874906	9.077886	2.34E-17	1.34E-15	28.79362
MSH3	205887_PM_x_at	-1.5	0.6	8.3E-12	244455_PM_at	KCNT2	1.121277	7.958823	7.303462	3.12E-12	6.74E-11	17.25103
CHP2	206149_PM_at	-1.5	0.6	1.6E-06	233500_PM_x_at	CLEC2D	1.120976	4.258827	9.794666	1.36E-19	1.24E-17	33.844
SUCLG1	217874_PM_at	-1.5	0.6	1.4E-09	228658_PM_at	MIAT	1.119394	4.010877	8.986467	4.45E-17	2.43E-15	28.164
PGRMC1	201120_PM_s_at	-1.5	0.6	1.1E-04	207104_PM_x_at	LILRB1	1.117787	4.445599	9.409557	2.22E-18	1.56E-16	31.10567
GRB7	210761_PM_s_at	-1.5	0.6	9.3E-06	236099_PM_at	---	1.117402	3.675328	9.146196	1.45E-17	8.56E-16	29.26628
VIL1	205506_PM_at	-1.5	0.6	1.4E-07	230318_PM_at	SERPINA1	1.115988	4.805716	6.732194	9.93E-11	1.55E-09	13.88275
LOC100289098	239896_PM_at	-1.5	0.6	3.9E-06	205782_PM_at	FGF7	1.115849	5.305212	6.276628	1.36E-09	1.67E-08	11.33731
CYBP2	215785_PM_s_at	-1.5	0.6	4.0E-05	222162_PM_s_at	ADAMTS1	1.114447	4.817586	8.195174	9.98E-15	3.49E-13	22.86399
ACOT11	214763_PM_at	-1.5	0.6	9.5E-16	40420_PM_at	STK10	1.113593	5.078552	9.593326	5.89E-19	4.67E-17	32.40467
FRMD3	229893_PM_at	-1.5	0.6	3.0E-08	215784_PM_at	CD1E	1.112453	4.4784103	5.827292	1.59E-08	1.53E-07	8.95777
LRRC10B	236666_PM_s_at	-1.5	0.6	7.2E-10	223620_PM_at	GPR34	1.111631	7.3228	6.277596	1.36E-09	1.66E-08	11.34258
GJB2	223278_PM_at	-1.5	0.6	1.4E-04	235094_PM_at	---	1.105453	5.83015	6.873842	4.28E-11	7.32E-10	14.70017
LOC730091	230780_PM_at	-1.5	0.6	5.6E-08	243824_PM_at	---	1.104897	4.353999	10.06073	1.93E-20	2.16E-18	35.76238
KYNU	204385_PM_at	-1.5	0.6	2.4E-04	223773_PM_s_at	SNHG12	1.103892	7.306124	8.85534	1.11E-16	5.55E-15	27.26688
UGT3A1	236597_PM_at	-1.5	0.6	6.1E-05	229553_PM_at	PGM2L1	1.103678	6.137842	8.387354	2.75E-15	1.07E-13	24.12539
PMVK	203515_PM_s_at	-1.5	0.6	4.1E-09	227645_PM_at	PIK3R5	1.102179	5.183504	9.202902	9.68E-18	5.95E-16	29.66006
GABRB3	205850_PM_s_at	-1.5	0.6	4.0E-04	224701_PM_at	PARP14	1.10144	4.872472	10.13697	1.09E-20	1.31E-18	36.31703
ACADL	206068_PM_s_at	-1.5	0.6	8.9E-06	AFFX-HUMISGF3A/M	STAT1	1.10104	4.227561	7.355504	2.27E-12	5.01E-11	17.56432
EYA2	209692_PM_at	-1.5	0.6	5.5E-08	215388_PM_s_at	CFH /// CFHR1	1.098171	9.510352	7.810022	1.25E-13	3.60E-12	20.38956
GGT1	207131_PM_x_at	-1.5	0.6	1.3E-03	228071_PM_at	GIMAP7	1.097631	8.701043	9.284513	5.42E-18	3.52E-16	30.22899
TRAPP6A	204985_PM_s_at	-1.5	0.6	4.0E-07	205476_PM_at	CCL20	1.097352	4.880171	6.265315	1.45E-09	1.77E-08	11.27576
RBKS	219222_PM_at	-1.5	0.6	1.9E-07	213475_PM_s_at	ITGAL	1.09734	5.175751	8.963395	5.23E-17	2.83E-15	28.00563
ACSBG2	221716_PM_s_at	-1.5	0.6	7.6E-10	219202_PM_at	RHBDF2	1.096126	5.48123	9.553636	7.85E-19	5.98E-17	32.12307
CRAT	205843_PM_x_at	-1.5	0.6	1.5E-10	226659_PM_at	DEFG	1.095825	4.649248	9.382512	2.69E-18	1.87E-16	30.91556
RCAN2	203498_PM_at	-1.5	0.6	6.0E-06	208894_PM_at	HLA-DRA	1.094935	11.73597	6.815304	6.07E-11	1.00E-09	14.3609
STX3	216985_PM_s_at	-1.5	0.6	1.7E-07	211192_PM_s_at	CD84	1.094927	4.173248	9.247736	7.04E-18	4.48E-16	29.97229
PLOD1	200827_PM_at	-1.5	0.6	1.6E-09	1552439_PM_s_at	MEGF11	1.094798	3.862364	7.628689	4.03E-13	1.04E-11	19.25044
STEAP1	205542_PM_at	-1.5	0.6	2.6E-04	219243_PM_at	GIMAP4	1.093852	8.784352	10.74548	1.13E-22	2.30E-20	40.80746
GALK1	204374_PM_s_at	-1.5	0.6	6.0E-17	222486_PM_s_at	ADAMTS1	1.093305	5.547176	5.492745	9.11E-08	7.30E-07	7.275422
STK32B	219686_PM_at	-1.5	0.6	6.5E-05	222294_PM_s_at	---	1.092851	7.681963	9.968217	3.81E-20	3.90E-18	35.09191
TMEM141	225568_PM_at	-1.5	0.6	1.6E-07	227354_PM_at	PAG1	1.092417	5.236048	8.838942	1.25E-16	6.18E-15	27.1552
PTPRO	208121_PM_s_at	-1.5	0.6	1.4E-03	223746_PM_at	STK4	1.092154	6.898613	8.635814	5.07E-16	2.25E-14	25.78126
PRODH	214203_PM_s_at	-1.5	0.6	8.2E-07	204489_PM_s_at	CD44	1.090713	7.093606	7.407671	1.63E-12	3.69E-11	17.88545
APH1A	218389_PM_s_at	-1.5	0.6	1.7E-04	204015_PM_s_at	DUSP4	1.090466	4.415394	9.583101	6.35E-19	4.99E-17	32.33208
NEFH	204412_PM_s_at	-1.5	0.6	1.8E-07	212613_PM_at	BTN3A2	1.090142	7.518747	9.768446	1.65E-19	1.48E-17	33.65388
HEXIM2	238547_PM_at	-1.5	0.6	4.5E-09	201510_PM_at	ELF3	1.091019	7.11088	7.077345	1.26E-11	2.38E-10	15.89527
CMTM4	224998_PM_at	-1.5	0.6	4.8E-05	228153_PM_at	RNF144B	1.088925	8.476409	7.707245	2.43E-13	6.60E-12	19.74183
SERPINC1	210049_PM_at	-1.5	0.6	1.3E-06	209708_PM_at	MOXD1	1.0886	7.916075	6.034037	5.23E-09	5.64E-08	10.03594
AP1M1	223024_PM_at	-1.5	0.6	7.0E-11	220122_PM_at	MCTP1	1.088048	4.706622	6.257206	1.52E-09	1.84E-08	11.2317
NNT	202783_PM_at	-1.5	0.6	2.0E-04	237442_PM_at	---	1.085784	4.254323	8.825162	1.37E-16	6.76E-15	27.06143
TMEM27	223784_PM_at	-1.5	0.6	3.3E-03	223583_PM_s_at	TNFAIP8L2	1.085204	4.554434	8.676011	3.85E-16	1.75E-14	26.05174
GLB1L	206540_PM_at	-1.5	0.6	1.5E-05	227606_PM_s_at	STAMBIP1	1.085125	4.479731	9.895262	6.52E-20	6.33E-18	34.56519
QTRT1	221270_PM_s_at	-1.5	0.6	1.2E-08	219836_PM_at	ZBED2	1.083817	3.641274	9.740468	2.02E-19	1.78E-17	33.45358
RAB40B	204547_PM_at	-1.5	0.6	1.3E-11	201438_PM_at	COL6A3	1.080365	9.625827	5.149722	5.02E-07	3.40E-06	5.633373
NUBPL	220176_PM_at	-1.5	0.6	2.3E-09	205495_PM_s_at	GNLY	1.079743	4.754489	5.762259	2.25E-08	2.08E-07	8.624637
ZDHHC11	221646_PM_s_at	-1.5	0.6	2.5E-08	217497_PM_at	TYMP	1.079708	4.321279	8.857777	1.09E-16	5.48E-15	27.28349
HSPA4L	205543_PM_at	-1.5	0.6	6.4E-05	201859_PM_at	SRGN	1.079384	10.97925	10.41201	1.40E-21	2.13E-19	38.33301
TXNRD2	211177_PM_s_at	-1.5	0.6	1.1E-07	204821_PM_at	BTN3A3	1.079278	7.165583	8.957404	5.46E-17	2.94E-15	27.96544
GYPB /// GYPB	205837_PM_s_at	-1.5	0.6	8.8E-12	221058_PM_s_at	KLFL	1.078106	8.727317	11.30808	1.51E-24	6.34E-22	45.00502
TMEM19	219941_PM_at	-1.5	0.6	3.5E-11	227566_PM_at	NTM	1.077463	4.841453	5.690694	3.28E-08	2.92E-07	8.261416
GLUD1	200946_PM_x_at	-1.5	0.6	8.0E-08	226777_PM_at	---	1.076825	4.844866	5.08694	6.80E-07	4.46E-06	5.342193
ABHD14B	224821_PM_at	-1.5	0.6	6.9E-06	203233_PM_at	IL4R	1.075855	7.232703	9.640595	4.18E-19	3.42E-17	32.74079
GRHRP	201347_PM_x_at	-1.5	0.6	3.1E-07	219471_PM_at	C13orf18	1.073644	4.867876	8.491182	1.36E-15	5.58E-14	24.81398
GLD05	231052_PM_at	-1.5	0.6	1.1E-06	210448_PM_s_at	P2RX5	1.073555	4.718547	6.96535	2.47E-11	4.45E-10	15.23457
RHBD02	222995_PM_s_at	-1.5	0.6	1.3E-06	1569040_PM_s_at	FLJ40330	1.072022	3.677112	6.273552	1.39E-09	1.69E-08	11.32056
PHYHD1	226846_PM_at	-1.5	0.6	6.3E-08	1558972_PM_s_at	THEMIS	1.071362	3.804601	8.257078	6.60E-15	2.41E-13	23.26841

LIPC	206606_PM_at	-1.5	0.6	1.9E-04	243689_PM_s_at	FRG1B	1.053452	3.643896	6.191257	2.20E-09	2.57E-08	10.87494
FERMT1	218796_PM_at	-1.5	0.6	3.8E-05	214022_PM_s_at	IFITM1	1.05315	10.85955	10.28209	3.72E-21	5.06E-19	37.37778
SLC39A4	192125_PM_s_at	-1.5	0.6	4.9E-05	201798_PM_s_at	MYOF	1.051716	8.56155	7.960666	4.70E-14	1.47E-12	21.34865
BHLHB9	213709_PM_at	-1.5	0.6	2.8E-10	215193_PM_x_at	HLA-DRB1 /// HLA-DRB3 /// HLA-DRB4 /// HLA-DRB5 /// LOC101	1.051321	11.37363	10.03792	2.28E-20	2.51E-18	35.59681
SPHK2	209857_PM_s_at	-1.5	0.6	5.9E-10	229686_PM_at	P2RYB	1.049814	6.430999	8.24911	6.96E-15	2.52E-13	23.21626
KBTBD11	204301_PM_at	-1.5	0.6	1.4E-04	206932_PM_at	CH25H	1.049616	4.451119	7.564491	6.79E-13	1.65E-11	18.73974
GPR155	231166_PM_at	-1.5	0.6	3.3E-06	227817_PM_at	PRKCB	1.049477	4.253478	9.035443	3.16E-17	1.77E-15	28.50088
HSD17B8	213540_PM_at	-1.5	0.6	3.1E-08	206219_PM_s_at	VAV1	1.048817	4.445999	9.58047	5.80E-17	5.07E-17	32.3134
DNAJB9	202842_PM_s_at	-1.5	0.6	1.1E-05	207277_PM_at	CD209	1.048358	5.841499	8.494539	1.33E-15	5.48E-14	24.83632
AOX1	205082_PM_s_at	-1.5	0.6	2.2E-03	235421_PM_at	MAP3K8	1.047947	5.254439	8.27091	6.02E-15	2.21E-13	23.35903
CNNM2	206818_PM_s_at	-1.5	0.6	2.7E-12	209312_PM_x_at	HLA-DRB1 /// HLA-DRB4	1.047614	11.70945	10.47903	8.49E-22	1.39E-19	38.82775
FTFB	202942_PM_s_at	-1.5	0.6	2.5E-07	215925_PM_s_at	CD72	1.047201	6.684657	8.347978	3.59E-15	1.37E-13	23.86553
HAO1	220224_PM_at	-1.5	0.6	7.3E-08	210260_PM_s_at	TNFAIP8	1.046824	8.333287	8.871472	9.94E-17	5.05E-15	27.37686
ENPEP	204844_PM_at	-1.5	0.6	5.9E-03	201649_PM_at	UBE2L6	1.046584	9.069616	9.844747	9.44E-20	8.94E-18	34.20153
GDA	224209_PM_s_at	-1.5	0.6	3.9E-03	235104_PM_at	ERAP2	1.046527	5.721948	5.321016	2.16E-07	1.59E-06	6.442649
SURF4	222977_PM_at	-1.5	0.6	2.3E-10	203413_PM_at	NELL2	1.046144	5.247937	6.431016	5.69E-10	7.55E-09	12.18536
KLRAQ1	1553955_PM_at	-1.5	0.6	8.2E-08	217549_PM_at	---	1.045554	4.953126	8.820405	1.42E-16	6.95E-15	27.02909
IGFBP4	201508_PM_at	-1.5	0.6	1.7E-06	218764_PM_at	PRKCH	1.045358	7.448469	9.561508	7.42E-19	5.73E-17	32.17887
SLC25A44	212683_PM_at	-1.5	0.6	1.1E-12	200629_PM_at	WARS	1.044039	9.543807	9.357609	3.21E-18	2.19E-16	30.74074
FBXO15	231472_PM_at	-1.5	0.6	1.3E-06	235199_PM_at	RNF125	1.044029	4.951307	7.825629	1.13E-13	3.29E-12	20.48839
BNIP3	201848_PM_s_at	-1.5	0.6	2.6E-08	236595_PM_at	---	1.04159	3.961857	8.533101	1.02E-15	4.32E-14	25.09336
C18orf18	229829_PM_at	-1.5	0.6	2.3E-05	244413_PM_at	CLEC1I	1.041188	3.84334	8.226609	8.10E-15	2.90E-13	23.06913
PEBP1	205353_PM_s_at	-1.5	0.6	5.3E-09	215346_PM_at	CD40	1.040489	6.156821	8.939817	6.17E-17	3.25E-15	27.84402
TUBG2	203894_PM_at	-1.5	0.6	1.3E-09	211178_PM_s_at	PSTPIP1	1.039833	4.447876	9.712733	2.48E-19	2.14E-17	33.25528
PEX11G	244126_PM_at	-1.5	0.6	1.8E-08	242943_PM_at	ST8SIA4	1.039827	3.780716	9.948588	4.41E-20	4.45E-18	34.95002
AGBL5	218480_PM_at	-1.5	0.6	2.9E-07	216250_PM_s_at	LPXN	1.039482	7.712731	8.187559	1.05E-14	3.65E-13	22.81437
CYBB3	207685_PM_at	-1.5	0.6	7.0E-09	209723_PM_at	SERPIN9	1.039394	2.266864	7.390195	1.82E-12	4.08E-11	17.77864
ALDH5A1	203608_PM_at	-1.5	0.6	2.4E-07	227404_PM_s_at	EGR1	1.039265	5.250782	6.725219	1.03E-10	1.61E-09	13.84281
CES3	234008_PM_s_at	-1.5	0.6	3.4E-08	238430_PM_x_at	SLFNS	1.03924	8.072783	7.92521	5.93E-14	1.82E-12	21.1219
MFSO3	227296_PM_at	-1.5	0.6	4.1E-12	211135_PM_x_at	LILRB3	1.037749	4.884518	9.205072	9.53E-18	5.88E-16	29.67515
SYCP2	206546_PM_at	-1.5	0.6	8.4E-05	225646_PM_at	CTSC	1.03719	8.619788	8.942234	6.07E-17	3.21E-15	27.86058
METTL1	204027_PM_s_at	-1.5	0.6	5.2E-07	209183_PM_s_at	C10orf10	1.036829	7.718339	7.174157	6.95E-12	1.39E-10	16.4722
GABRR2	242344_PM_at	-1.5	0.6	4.9E-04	240890_PM_at	LOC647373	1.036546	4.846519	7.414725	1.56E-12	3.54E-11	17.9286
CLDN2	223509_PM_s_at	-1.5	0.6	1.0E-02	221658_PM_at	IL21R	1.033013	3.717762	9.187681	1.08E-17	6.52E-16	29.55424
EAF2	219551_PM_at	-1.5	0.6	5.9E-04	212501_PM_at	CEBPB	1.032275	9.315878	9.978491	3.53E-20	3.67E-18	35.16623
ATP6V1A	201971_PM_s_at	-1.5	0.6	2.4E-04	204820_PM_s_at	BTN3A2 /// BTN3A3	1.032263	9.997794	10.09685	1.47E-20	1.72E-18	36.02487
KCNK10	220727_PM_at	-1.5	0.6	4.3E-08	235359_PM_at	LRRCS3	1.032026	4.846005	8.256553	6.63E-15	2.42E-13	23.26498
IPO13	203546_PM_at	-1.5	0.6	1.0E-06	226382_PM_at	CAMK1D /// LOC283070	1.031647	5.641759	7.132436	9.98E-12	1.75E-10	16.22338
SLC38A11	243231_PM_at	-1.5	0.6	2.5E-04	209198_PM_s_at	SYT11	1.03056	4.944466	9.867032	8.02E-20	7.71E-18	34.36185
MTCH2	217772_PM_s_at	-1.5	0.6	1.3E-08	228314_PM_at	LRRCSB	1.02969	5.929403	7.835205	1.07E-13	3.11E-12	20.54909
MPPED2	205413_PM_at	-1.5	0.6	3.4E-05	217762_PM_s_at	RAB31	1.029232	8.651139	8.428819	2.08E-15	8.25E-14	24.3998
C2orf88	223754_PM_at	-1.5	0.6	2.3E-06	205153_PM_at	CD40	1.028481	5.185623	7.685221	2.80E-13	7.49E-12	19.60374
GPRASP2	228027_PM_at	-1.5	0.6	5.8E-10	205027_PM_s_at	MAP3K8	1.028253	4.728744	8.96952	5.01E-17	2.72E-15	28.04765
TUBB2A /// TUBB2B	209372_PM_x_at	-1.5	0.6	2.0E-05	242918_PM_at	NASP	1.028011	6.018119	5.063799	7.60E-07	4.93E-06	5.235057
HSPD1	200806_PM_s_at	-1.5	0.6	7.1E-08	228758_PM_at	BC16	1.025556	5.936524	6.424667	5.90E-10	7.79E-09	12.15018
DMRT2	223986_PM_x_at	-1.5	0.6	2.2E-06	219161_PM_s_at	KLF	1.025316	8.351553	9.900516	6.27E-20	6.13E-18	34.60306
ATP1B2	204311_PM_at	-1.5	0.6	3.9E-06	210225_PM_x_at	LILRB3	1.025103	4.804739	9.370333	2.94E-18	2.02E-16	30.83004
C14orf167	224153_PM_s_at	-1.5	0.6	8.3E-12	226743_PM_at	SLFN11	1.023252	5.383369	7.535567	7.28E-13	1.76E-11	18.67214
COG21T1	213486_PM_at	-1.5	0.6	1.4E-05	205288_PM_s_at	SERPINE1	1.023043	4.509438	6.070711	4.28E-09	4.07E-08	10.23019
OD22	231867_PM_at	-1.5	0.6	1.9E-06	228056_PM_s_at	NAP5B	1.022597	4.60171	6.4835	4.22E-10	5.76E-09	12.4771
NUDT16L1	224477_PM_s_at	-1.5	0.6	1.9E-09	220577_PM_at	GVIN1	1.022397	5.068197	9.246195	7.12E-18	4.51E-16	29.96155
C12orf69	237484_PM_at	-1.5	0.6	1.3E-03	209619_PM_at	CD74	1.022211	10.88496	10.179	8.01E-21	9.98E-19	36.23508
KIAA1543	226494_PM_at	-1.5	0.6	4.2E-07	1552263_PM_at	MAPK1	1.021868	5.796424	8.726269	2.72E-16	1.17E-14	26.399
STK16	209622_PM_at	-1.5	0.6	3.5E-10	205193_PM_at	MAFF	1.021491	5.029986	8.174086	1.15E-14	3.96E-13	22.72664
CY5A	207843_PM_x_at	-1.5	0.6	7.2E-07	204846_PM_at	CP	1.021456	4.717728	7.019198	1.79E-11	3.31E-10	15.55133
ACA2	202002_PM_at	-1.5	0.6	2.5E-09	1561167_PM_at	---	1.021041	6.350838	6.65085	1.60E-10	2.41E-09	13.4188
SULT1C2	205342_PM_s_at	-1.5	0.6	3.9E-04	211649_PM_x_at	IGH@ /// IGH1 /// IGHG1 /// IGHM	1.019314	4.963508	5.871505	1.26E-08	1.24E-07	9.185904
DOK4	207747_PM_at	-1.5	0.6	1.4E-07	230733_PM_at	---	1.018892	6.344722	7.982478	4.08E-14	1.29E-12	21.48846
TBC1D19	220260_PM_at	-1.5	0.6	1.5E-07	225415_PM_at	DTX3L	1.017642	8.577316	10.90906	3.25E-23	7.86E-21	42.0326
ANKRD57	219496_PM_at	-1.5	0.6	8.3E-06	229598_PM_at	---	1.017408	5.981799	8.998848	4.08E-17	2.24E-15	28.24907
ALKB5	228034_PM_x_at	-1.5	0.6	1.0E-05	228812_PM_at	---	1.016979	6.060777	7.927584	5.84E-14	1.79E-12	21.13706
NKIRAS1	225930_PM_at	-1.5	0.6	5.3E-08	226452_PM_at	PDK1	1.015559	6.079192	6.628407	1.82E-10	2.71E-09	13.9151
LOC344887	244148_PM_at	-1.5	0.6	1.6E-06	227877_PM_at	C5orf39	1.015549	4.5733	8.952341	5.65E-17	3.02E-15	27.92983
PTPN20A /// PTPN20B	215172_PM_at	-1.5	0.6	7.1E-05	1568736_PM_s_at	---	1.01485	4.378213	5.94945	8.27E-09	8.47E-08	9.591332
C11orf66	235402_PM_at	-1.5	0.6	3.4E-09	208306_PM_x_at	HLA-DRB1	1.014081	11.64301	10.58162	3.92E-22	6.90E-20	39.58755
GLUD2	210447_PM_at	-1.5	0.6	4.3E-05	214369_PM_s_at	RASGRP1	1.014038	4.807835	7.955877	4.85E-14	1.51E-12	21.31799
POR	208928_PM_at	-1.5	0.6	1.0E-05	225904_PM_at	C1orf96	1.013846	5.278064	8.417004	2.25E-15	8.90E-14	24.32152
AGPAT3	219723_PM_x_at	-1.5	0.6	5.0E-10	218499_PM_at	MT54	1.01365	6.38647	7.879248	8.00E-14	2.39E-12	20.82888
TTY14	224003_PM_at	-1.5	0.6	2.7E-07	204436_PM_at	PLEKHO2	1.013318	6.829315	8.940958	6.12E-17	3.23E-15	27.85183
ST3GAL4	203759_PM_at	-1.5	0.6	3.2E-06	212658_PM_at	LHFP12	1.01278	6.31453	7.733187	2.06E-13	5.66E-12	19.90481
EARS2	225993_PM_at	-1.5	0.6	6.9E-11	244352_PM_at	CD84	1.012391	4.194631	8.177033	1.13E-14	3.89E-13	22.74582
ARHGAP24	221030_PM_s_at	-1.5	0.6	7.0E-07	220560_PM_at	C11orf21	1.011822	4.501465	8.722201	2.80E-16	1.30E-14	26.36341
OGN	218730_PM_s_at	-1.5	0.6	3.4E-02	204806_PM_x_at	HLA-F	1.010889	10.09617	9.363283	3.09E-18	2.12E-16	30.78055
TMEM143	222905_PM_s_at	-1.5	0.6	1.2E-10	1559883_PM_s_at	SAMHD1	1.008706	4.16786	7.475685	1.06E-12	2.49E-11	18.3027
DENND5B	215058_PM_at	-1.5	0.6	8.1E-08	239296_PM_at	---	1.008548	4.719768	7.101954	1.08E-11	2.07E-10	16.04141
TUB	228882_PM_at	-1.5	0.6	3.1E-10	205128_PM_x_at	PTGS1	1.008117	5.023322	5.944653	8.49E-09	8.67E-08	9.566264
QXER1	1553222_PM_at	-1.5	0.6	1.1E-11	217967_PM_s_at	FAM129A	1.00775	7.878908	5.908217	1.03E-08	1.04E-07	9.376348
MAT2A	200768_PM_s_at	-1.5	0.6	2.9E-05	218322_PM_s_at	ACSLS	1.007259	6.425712	9.480172	1.33E-18	9.76E-17	31.60335
ACADS	202366_PM_at	-1.5	0.6	8.2E-08	229670_PM_at	---	1.007065	6.40544	6.896482	3.74E-11	6.50E-10	14.83192
EXOSC6	231916_PM_at	-1.4	0.5	2.2E-05	227807_PM_at	PARP9	1.006012	5.664692	8.990081	4.34		

VDR	204253_PM_s_at	-1.4	0.5	7.9E-06	204852_PM_s_at	PTPN7	0.994348	4.761884	9.701767	2.68E-19	2.29E-17	33.17695
PLLP	204519_PM_s_at	-1.4	0.5	1.7E-04	211286_PM_x_at	CSF2RA	0.994271	4.213697	10.41605	1.36E-21	2.09E-19	38.36279
C12orf52	221777_PM_at	-1.4	0.5	6.9E-08	206707_PM_x_at	FAM65B	0.994118	4.5153	8.872058	9.90E-17	5.04E-15	27.38086
SETD3	212465_PM_at	-1.4	0.5	1.1E-13	203964_PM_at	NMI	0.99194	8.705495	11.72629	5.79E-26	4.99E-23	48.25287
RNF152	1553721_PM_at	-1.4	0.5	1.7E-09	202627_PM_s_at	SERPINE1	0.991909	4.898727	6.0367	5.51E-09	5.56E-08	10.05001
COCH	205229_PM_s_at	-1.4	0.5	4.8E-04	236226_PM_at	BTLA	0.990664	3.763096	8.496532	1.31E-15	5.42E-14	24.84959
UAP1L1	214755_PM_at	-1.4	0.5	6.3E-09	211661_PM_x_at	PTAFR	0.989977	4.697566	7.500792	9.07E-13	2.15E-11	18.45737
PSPH	205048_PM_s_at	-1.4	0.5	4.5E-06	209191_PM_at	TUBB6	0.989301	8.733684	7.237456	4.70E-12	9.70E-11	16.85229
CACHD1	225627_PM_s_at	-1.4	0.5	2.2E-06	207085_PM_x_at	CSF2RA	0.987486	3.999204	8.67811	3.79E-16	1.73E-14	26.06588
POLDIP2	217806_PM_s_at	-1.4	0.5	9.5E-10	220232_PM_at	SCD5	0.987346	5.816464	5.855125	1.37E-08	1.33E-07	9.101231
ECST1	218225_PM_at	-1.4	0.5	1.2E-08	203896_PM_s_at	PLCB4	0.987263	6.328628	6.131931	3.05E-09	3.47E-08	10.55643
NCKAP5	239650_PM_at	-1.4	0.5	8.6E-08	236301_PM_at	---	0.987176	4.006615	9.526674	9.54E-09	7.18E-17	31.9321
PPM1L	228108_PM_at	-1.4	0.5	1.1E-04	210827_PM_s_at	ELF3	0.986688	7.822532	6.050653	4.77E-09	5.19E-08	10.12384
SHANK3	227923_PM_at	-1.4	0.5	2.6E-05	206337_PM_at	CCR7	0.986609	4.042034	6.771252	7.88E-11	1.26E-09	14.10694
ProSAPI1	204447_PM_at	-1.4	0.5	7.1E-06	239975_PM_at	HLA-DPB2	0.984115	3.647062	9.526735	9.54E-19	7.18E-17	31.93253
FARP1	201910_PM_at	-1.4	0.5	1.3E-04	208083_PM_s_at	ITGB6	0.983938	4.18449	6.016867	5.74E-09	6.12E-08	9.945304
DBT	205369_PM_x_at	-1.4	0.5	3.5E-06	227801_PM_at	TRIM59	0.983335	5.165308	8.092412	1.98E-14	6.57E-13	22.19668
UNC93A	214382_PM_at	-1.4	0.5	1.8E-05	236285_PM_at	KLHDC7B	0.983125	4.07763	8.129332	1.55E-14	5.23E-13	22.43584
RNF9	212968_PM_at	-1.4	0.5	1.2E-08	201012_PM_at	ANKA1	0.981725	9.576759	7.203056	5.82E-12	1.17E-10	16.64546
GC5H /// LOC100329108	213129_PM_s_at	-1.4	0.5	8.0E-07	211210_PM_x_at	SH2D1A	0.980589	3.728816	8.827987	1.35E-16	6.64E-15	27.08065
C1orf43	223034_PM_s_at	-1.4	0.5	1.5E-02	224916_PM_at	TMEM173	0.980545	5.491356	8.885243	9.03E-17	4.61E-15	27.47084
ECHS1	201135_PM_at	-1.4	0.5	2.2E-07	225520_PM_at	TMTHFD1L	0.979966	6.717901	9.401089	2.35E-18	1.65E-16	31.04611
ZFYVE9	204893_PM_s_at	-1.4	0.5	9.3E-10	202954_PM_at	UBE2C	0.979785	4.733602	7.208682	5.62E-12	1.14E-10	16.67924
MTHFS	203433_PM_at	-1.4	0.5	5.9E-07	201601_PM_x_at	IFITM1	0.97963	11.07408	10.15022	9.92E-21	1.21E-18	36.41356
KIAA0564	212946_PM_at	-1.4	0.5	3.6E-08	202693_PM_s_at	STK17A	0.978907	7.783855	9.852129	8.95E-20	8.53E-18	34.25461
FAM164C	220107_PM_s_at	-1.4	0.5	1.7E-07	222139_PM_at	KIAA1466	0.977864	5.688734	5.710169	2.96E-08	2.66E-07	8.359909
AGPAT1	215535_PM_s_at	-1.4	0.5	5.5E-08	218614_PM_at	C12orf35	0.97588	8.292104	9.310561	4.50E-18	2.99E-16	30.41112
SLC13A1	220502_PM_s_at	-1.4	0.5	1.8E-02	208084_PM_at	ITGB6	0.97401	4.335509	6.429094	5.76E-10	7.62E-09	12.17471
RAB5C	201140_PM_s_at	-1.4	0.5	7.8E-09	236191_PM_at	---	0.973564	3.645394	9.361592	3.12E-18	2.14E-16	30.76869
CPEB1	219578_PM_s_at	-1.4	0.5	1.2E-07	201292_PM_at	TOP2A	0.971468	4.072214	7.021522	1.76E-11	3.27E-10	15.56504
IL17RC	221926_PM_s_at	-1.4	0.5	2.0E-08	217838_PM_s_at	EVL	0.971183	8.181685	9.217082	8.75E-18	5.43E-16	29.75873
ATPAF1	224728_PM_at	-1.4	0.5	2.2E-12	205898_PM_at	CX3CR1	0.971033	8.036727	6.299925	1.20E-09	1.48E-08	11.4643
STEAP2	225871_PM_at	-1.4	0.5	1.2E-08	235291_PM_s_at	FLJ32255	0.970406	3.941818	8.58067	7.39E-16	3.21E-14	25.41137
CLPB	221845_PM_s_at	-1.4	0.5	1.8E-06	242471_PM_at	---	0.970397	6.732742	5.710887	2.95E-08	2.66E-07	8.363543
WNK4	229158_PM_at	-1.4	0.5	4.5E-04	222253_PM_s_at	POM121L9P	0.969707	4.289367	8.199274	9.71E-15	3.41E-13	22.89072
TNPO2	210585_PM_s_at	-1.4	0.5	6.5E-07	244598_PM_at	---	0.969507	4.207414	9.062011	2.62E-17	1.49E-15	28.68404
BBOX1	205363_PM_at	-1.4	0.5	3.5E-03	204982_PM_at	GIT2	0.969291	5.110704	9.88542	7.01E-20	6.77E-18	34.49427
MAN2C1	203668_PM_at	-1.4	0.5	1.3E-08	226771_PM_at	ATP8B2	0.968321	7.014279	7.555093	6.43E-13	1.57E-11	18.79302
BST1	205715_PM_at	-1.4	0.5	5.0E-07	213958_PM_at	CD6	0.967628	5.391291	8.240197	7.39E-15	2.66E-13	23.15795
WDR18	209461_PM_x_at	-1.4	0.5	6.8E-08	204286_PM_s_at	PMAI1	0.967284	3.821308	8.501491	1.27E-15	5.26E-14	24.88261
TMEM53	219462_PM_at	-1.4	0.5	4.0E-06	205404_PM_at	HSD11B1	0.967247	4.877315	6.568456	2.58E-10	3.72E-09	12.95299
PCCB	212694_PM_s_at	-1.4	0.5	1.5E-07	219690_PM_at	TMEM149	0.966562	5.872707	7.953992	4.91E-14	1.52E-12	21.30592
PFKL	201102_PM_s_at	-1.4	0.5	1.6E-07	204628_PM_s_at	ITGB3	0.966344	4.735908	7.038824	1.59E-11	2.95E-10	15.6672
HPCAL1	205462_PM_s_at	-1.4	0.5	8.5E-07	225282_PM_at	SMAP2	0.966096	7.057087	8.576624	7.60E-16	3.29E-14	25.38428
GSTM3	202554_PM_s_at	-1.4	0.5	3.4E-04	205997_PM_at	ADAM28	0.964271	6.244136	6.165488	2.50E-09	2.93E-08	10.73631
TMED4	224676_PM_at	-1.4	0.5	6.9E-07	232220_PM_s_at	PARP9	0.961139	8.290533	8.855886	1.03E-16	5.21E-15	27.33877
C19orf68	238866_PM_at	-1.4	0.5	1.1E-07	239012_PM_at	RNF144B	0.960863	5.682852	5.133385	5.43E-07	3.65E-06	5.557321
CYP4F12	206539_PM_s_at	-1.4	0.5	1.0E-06	206181_PM_at	SLAMF1	0.960409	3.823125	8.460193	1.68E-15	6.76E-14	24.60795
LYPLAL1	226851_PM_at	-1.4	0.5	6.7E-10	213982_PM_s_at	RABGAP1L	0.960355	6.914723	8.67365	3.91E-16	1.78E-14	26.03583
TPMT	203671_PM_at	-1.4	0.5	2.6E-06	204562_PM_at	IRF4	0.960291	4.800412	8.367613	3.14E-15	2.1E-13	23.99502
C15orf37	1556588_PM_at	-1.4	0.5	1.0E-05	201136_PM_at	PLP2	0.960124	8.421364	8.988134	4.40E-17	4.21E-15	28.17545
KIAA1529	229628_PM_s_at	-1.4	0.5	2.5E-07	229721_PM_x_at	DERL3	0.959082	4.328192	5.543593	7.02E-08	5.79E-07	7.526560
TNS1	218863_PM_s_at	-1.4	0.5	3.0E-07	223434_PM_at	GBP3	0.95888	9.465791	6.208064	2.00E-09	2.36E-08	10.9656
GOLT1A	229372_PM_at	-1.4	0.5	9.6E-05	244485_PM_at	---	0.957871	4.740252	7.816623	1.20E-13	3.46E-12	20.43135
C10orf41	228048_PM_at	-1.4	0.5	4.3E-11	225604_PM_s_at	GLIPR2	0.957492	5.421546	6.518063	3.46E-10	4.82E-09	12.67016
UGT1A6	206094_PM_x_at	-1.4	0.5	9.3E-03	213994_PM_s_at	SPON1	0.957215	7.414768	5.532576	7.43E-08	6.10E-07	7.471598
GSS	201415_PM_at	-1.4	0.5	6.3E-09	206500_PM_s_at	C14orf106	0.956629	4.445666	7.799601	1.34E-13	3.82E-12	20.32364
FAM73A	235125_PM_x_at	-1.4	0.5	7.8E-06	221653_PM_x_at	APOL2	0.956282	7.106715	7.473687	1.08E-12	2.51E-11	18.29291
RNF128	219263_PM_at	-1.4	0.5	1.1E-05	201189_PM_s_at	ITPR3	0.955553	6.982255	8.330331	4.04E-15	1.53E-13	23.74931
SAMM50	201569_PM_s_at	-1.4	0.5	5.7E-08	200660_PM_at	S100A11	0.95555	8.884048	8.904969	7.87E-17	4.09E-15	27.60589
SLC38A6	214830_PM_at	-1.4	0.5	1.2E-05	212473_PM_s_at	MICAL2	0.954705	7.756629	7.774821	1.58E-13	4.44E-12	20.1671
PACRG	214204_PM_at	-1.4	0.5	9.1E-05	227383_PM_at	LOC272820	0.95451	7.886192	6.640728	1.70E-10	2.54E-09	13.36135
VAV3	218806_PM_s_at	-1.4	0.5	2.4E-03	235661_PM_at	---	0.954281	4.607607	8.696085	3.35E-16	1.55E-14	26.18707
SELO	233167_PM_at	-1.4	0.5	4.2E-07	235879_PM_at	MBNL1	0.953903	8.1736	6.65215	1.59E-10	2.39E-09	13.42618
CA10	220889_PM_s_at	-1.4	0.5	1.5E-06	219777_PM_at	GIMAP6	0.953116	8.328615	9.357496	3.22E-18	2.19E-16	30.73995
GSTM4	204149_PM_s_at	-1.4	0.5	2.2E-06	217984_PM_at	RNASSET2	0.952587	9.552718	9.911876	5.77E-20	5.66E-18	34.68498
DDX25	219945_PM_at	-1.4	0.5	3.1E-09	235885_PM_at	P2RY12	0.952313	3.860584	8.441875	1.90E-15	7.59E-14	24.48636
LOC1518	1563445_PM_x_at	-1.4	0.5	3.6E-05	204929_PM_s_at	VAMP5	0.952204	8.313841	8.941276	6.11E-17	3.23E-15	27.85402
SH3BG	204979_PM_s_at	-1.4	0.5	8.7E-03	203927_PM_at	NFKBIE	0.951855	6.221331	10.38155	1.77E-21	2.60E-19	38.10857
TEF	210167_PM_s_at	-1.4	0.5	3.1E-11	218880_PM_at	FOSL2	0.951605	5.303693	6.83654	5.35E-11	8.95E-10	14.48374
MARVELD3	233634_PM_at	-1.4	0.5	2.4E-06	204908_PM_s_at	BCL3	0.951597	7.203118	7.444063	1.30E-12	3.00E-11	18.18039
PMM1	203467_PM_at	-1.4	0.5	1.8E-05	208816_PM_x_at	ANXA2P2	0.951291	10.22357	7.984668	4.02E-14	1.27E-12	21.50251
EPB41L5	220977_PM_x_at	-1.4	0.5	2.8E-04	64064_PM_at	GIMAP5	0.951198	7.844058	9.093754	2.09E-17	1.21E-15	28.90325
CRY2	212695_PM_at	-1.4	0.5	2.5E-09	209626_PM_s_at	OSBP13	0.951023	5.500688	6.836605	5.35E-11	8.95E-10	14.48412
EFHD1	209343_PM_at	-1.4	0.5	5.3E-05	1569003_PM_at	TMEM49	0.949795	4.27208	8.14797	1.37E-14	1.64E-13	22.55683
BAIAP2L2	228876_PM_at	-1.4	0.5	1.9E-07	209457_PM_at	DUSP5	0.94977	5.309586	7.619368	4.27E-13	1.09E-11	19.19235
ZCCHC14	215427_PM_s_at	-1.4	0.5	7.7E-12	209770_PM_at	BTN3A1	0.949395	8.177533	8.983716	4.54E-17	2.47E-15	28.1451
KCNJ3	207141_PM_s_at	-1.4	0.5	2.3E-11	219181_PM_at	LIPG	0.948617	4.983205	5.713373	2.91E-08	2.62E-07	8.376136
C1orf85	225401_PM_at	-1.4	0.5	2.8E-06	221841_PM_s_at	KLFA	0.948498	7.624746	7.745212	1.91E-13	5.30E-12	19.98048
ZNF385B	229019_PM_at	-1.4	0.5	1.6E-04	210943_PM_s_at	LYST	0.948167	5.266919	7.142269	8.45E-12	1.66E-10	16.28158

PLCD4	224505_PM_s_at	-1.4	0.5	3.5E-03	39402_PM_at	IL1B	0.931831	4.164463	8.400772	2.51E-15	9.85E-14	24.2141
C7orf55	226780_PM_s_at	-1.4	0.5	6.4E-08	225258_PM_at	FBUM1	0.931763	8.068963	7.658813	3.32E-13	8.71E-12	19.43849
CLDN16	220332_PM_x_at	-1.4	0.5	3.3E-02	210950_PM_x_at	HLA-G	0.930695	9.115397	8.370036	3.09E-15	1.19E-13	24.01101
HNF1A	210515_PM_at	-1.4	0.5	2.2E-10	205599_PM_at	TRAF1	0.930662	5.106728	8.738269	2.50E-16	1.18E-14	26.47204
MAPK10	204813_PM_at	-1.4	0.5	2.7E-08	210495_PM_x_at	FN1	0.930599	10.55122	6.050613	4.77E-09	5.19E-08	10.12363
LGALS2	208450_PM_at	-1.4	0.5	2.9E-03	231109_PM_at	---	0.929973	4.15523	7.300062	3.19E-12	6.86E-11	17.23043
SLC22A1	207201_PM_s_at	-1.4	0.5	4.8E-07	235574_PM_at	GBP4	0.929179	4.902697	7.534633	7.32E-13	1.77E-11	18.66636
SLC3A1	205799_PM_s_at	-1.4	0.5	6.8E-04	214054_PM_at	DOK2	0.928174	4.726544	8.376752	2.95E-15	1.15E-13	24.05535
FAM24B	231146_PM_at	-1.4	0.5	3.9E-04	203320_PM_at	SH2B3	0.927466	7.520037	9.534636	9.01E-19	6.80E-17	31.98847
GRTP1	206712_PM_at	-1.4	0.5	3.2E-07	221563_PM_at	DUSP10	0.926709	5.063121	7.22007	5.24E-12	1.07E-10	16.74767
PTGR2	230774_PM_at	-1.4	0.5	5.2E-05	226444_PM_at	---	0.926254	5.788593	7.595758	4.97E-13	1.24E-11	19.04542
CIRH1A	224903_PM_at	-1.4	0.5	3.1E-06	212314_PM_at	SEL1L3	0.926047	8.657343	8.196126	9.92E-15	3.47E-13	22.87019
DHCR7	201790_PM_s_at	-1.4	0.5	1.8E-08	224929_PM_at	TMEM173	0.925587	6.093939	7.007705	1.92E-11	3.52E-10	15.48359
MT1G	204745_PM_x_at	-1.4	0.5	8.2E-05	209614_PM_at	ADH1B	0.924232	5.642175	6.323206	1.05E-09	1.31E-08	11.59155
CC2D2A	234936_PM_s_at	-1.4	0.5	5.3E-06	211719_PM_x_at	FN1	0.923467	10.46493	6.078589	4.10E-09	4.53E-08	10.27203
CA12	203963_PM_at	-1.4	0.5	2.6E-03	206761_PM_at	CD96	0.923384	3.878828	8.148192	1.36E-14	4.64E-13	22.55827
ADH5	208847_PM_s_at	-1.4	0.5	4.5E-09	243819_PM_at	---	0.922164	4.825015	7.899097	7.42E-14	2.23E-12	20.9031
LOC727930	237117_PM_at	-1.4	0.5	4.5E-06	210511_PM_s_at	INHBA	0.922018	4.973979	6.496757	3.91E-10	5.38E-09	12.55106
FREM1	228233_PM_at	-1.4	0.5	2.0E-05	224964_PM_s_at	GN2	0.921324	7.817722	8.377713	2.94E-15	1.14E-13	24.0617
PICALM	203134_PM_at	-1.4	0.5	1.2E-03	1556352_PM_at	---	0.921044	5.705943	6.224315	1.83E-09	2.18E-08	11.05342
PXB1	205253_PM_at	-1.4	0.5	7.5E-07	219725_PM_at	TREM2	0.919911	4.648271	5.748108	2.42E-08	2.23E-07	8.552531
MPST	203524_PM_s_at	-1.4	0.5	9.0E-07	207173_PM_x_at	CDH11	0.919534	7.832957	5.709238	2.97E-08	2.67E-07	8.355193
DCAF11	201886_PM_at	-1.4	0.5	1.8E-09	216442_PM_x_at	FN1	0.919413	10.5729	5.974004	7.24E-09	7.55E-08	9.719896
TPCN1	217914_PM_at	-1.4	0.5	7.3E-08	241916_PM_at	---	0.919093	5.098192	6.845564	5.07E-11	8.54E-10	14.53602
PEX7	205420_PM_at	-1.4	0.5	4.5E-07	236539_PM_at	PTPN22	0.919062	3.661241	8.056803	2.50E-14	8.16E-13	21.96663
MIPEP	204305_PM_at	-1.4	0.5	5.6E-06	203879_PM_at	PIK3CD	0.918311	7.508051	8.798779	1.65E-16	8.01E-15	26.88214
LOC440895	215247_PM_at	-1.4	0.5	1.9E-07	205067_PM_at	IL1B	0.918133	4.07369	7.249806	4.36E-12	9.09E-11	16.92671
ASPDH	230912_PM_at	-1.4	0.5	9.5E-08	1553856_PM_s_at	P2RY10	0.915485	4.06502	8.32191	4.27E-15	1.61E-13	23.6939
LOC255512	1555865_PM_at	-1.4	0.5	3.9E-06	204529_PM_s_at	TOX	0.915129	6.482341	6.810278	6.26E-11	1.03E-09	14.33187
AUH	205052_PM_at	-1.4	0.5	1.7E-07	202284_PM_s_at	CDKN1A	0.914609	8.160471	7.615091	4.39E-13	1.11E-11	19.16571
PRKAA2	207709_PM_at	-1.4	0.5	4.6E-07	207485_PM_x_at	BTN3A1	0.914556	5.19039	8.743494	2.41E-16	1.14E-14	26.50739
APOOL	213282_PM_at	-1.4	0.5	3.3E-05	224341_PM_x_at	TLR4	0.913816	4.960664	8.148858	1.36E-14	4.63E-13	22.5626
TCEA3	226388_PM_at	-1.4	0.5	2.5E-05	203234_PM_at	UPP1	0.913335	7.567618	8.955889	5.52E-17	2.96E-15	27.95416
MIMAB	225826_PM_at	-1.4	0.5	2.6E-07	1558971_PM_at	THEMIS	0.913057	3.722413	9.637488	4.28E-19	3.48E-17	32.71868
ACS1L	201963_PM_at	-1.4	0.5	6.8E-05	230372_PM_at	HAS2	0.912963	4.303334	7.975691	4.26E-14	1.34E-12	21.44494
B3GNT4	221240_PM_s_at	-1.4	0.5	9.1E-08	213668_PM_s_at	SOX4	0.912201	6.442791	6.864892	4.52E-11	7.68E-10	14.64816
MORNA	228354_PM_at	-1.4	0.5	2.8E-07	230413_PM_s_at	AP1S2	0.911939	5.060297	6.718302	1.08E-10	1.67E-09	13.80323
SDCC	212154_PM_at	-1.4	0.5	3.1E-03	241031_PM_at	C2CDA4	0.911552	4.242029	7.606553	4.64E-13	1.17E-11	19.11256
MAPKAP1	217808_PM_s_at	-1.4	0.5	3.1E-08	201669_PM_s_at	MARCKS	0.91154	9.573565	7.882207	7.85E-14	2.35E-12	20.84771
SEMA4G	219194_PM_at	-1.4	0.5	2.5E-06	234985_PM_at	LDLRAD3	0.911501	6.482309	8.64636	4.71E-16	2.11E-14	25.85215
CCT6B	206587_PM_at	-1.4	0.5	9.8E-07	203180_PM_at	ALDH1A3	0.911187	6.95971	5.196774	3.99E-07	2.75E-06	5.853157
LIAS	214045_PM_at	-1.4	0.5	2.9E-04	220132_PM_s_at	CLEC2D	0.910696	3.515623	9.320577	4.19E-18	2.80E-16	30.48122
CTSF	203657_PM_s_at	-1.4	0.5	3.2E-09	204396_PM_s_at	GRK5	0.910446	6.815045	7.442755	1.31E-12	3.02E-11	18.10037
CPEB4	224828_PM_at	-1.4	0.5	1.2E-06	215332_PM_s_at	CD88	0.910286	3.669264	7.715501	2.31E-13	6.29E-12	19.79366
SLC30A2	224485_PM_s_at	-1.4	0.5	9.5E-05	203213_PM_at	CDK1	0.909989	5.734811	6.417708	6.14E-10	8.08E-09	12.11166
WDR83	224434_PM_s_at	-1.4	0.5	3.9E-08	229389_PM_at	ATG16L2	0.909315	5.589738	7.55308	6.52E-13	1.59E-11	18.78055
HACL1	223211_PM_at	-1.4	0.5	5.5E-07	235306_PM_at	GIMAP8	0.908768	7.342785	7.884628	7.73E-14	2.32E-12	20.86312
MRS2	218536_PM_at	-1.4	0.5	2.3E-04	236198_PM_at	---	0.908606	3.549554	7.654119	3.42E-13	8.92E-12	19.40916
PET112L	204300_PM_at	-1.4	0.5	5.9E-07	226756_PM_at	---	0.907648	6.725349	6.214022	1.94E-09	2.29E-08	10.99777
DMXL1	203791_PM_at	-1.4	0.5	3.0E-07	228410_PM_at	GAB3	0.906827	5.061174	9.016143	3.62E-17	2.00E-15	28.36801
SLC41A1	225570_PM_at	-1.4	0.5	2.4E-08	205214_PM_at	STK17B	0.906574	3.923144	8.729535	2.66E-16	1.24E-14	26.41298
MAEL	229475_PM_at	-1.4	0.5	5.5E-07	200628_PM_s_at	WARS	0.906537	8.325538	6.302902	1.18E-09	1.45E-08	11.48055
HOCX10	218959_PM_at	-1.4	0.5	1.0E-04	230970_PM_at	---	0.9064	4.860428	7.041383	1.56E-11	2.91E-10	15.68233
FAM124A	230067_PM_at	-1.4	0.5	1.9E-06	1555832_PM_s_at	KLF6	0.905071	9.848479	10.0688	1.81E-20	2.05E-18	35.82098
HABP4	209818_PM_s_at	-1.4	0.5	3.7E-08	228325_PM_at	KIAA0146	0.904786	5.595963	6.77832	7.56E-11	1.21E-09	14.14761
AKR1C3	209160_PM_at	-1.4	0.5	8.6E-06	225016_PM_at	APCDD1	0.904772	5.865443	5.310893	2.27E-07	1.66E-06	6.394228
MUT	202959_PM_at	-1.4	0.5	6.3E-09	206595_PM_at	CS76	0.904407	4.355158	5.978617	7.07E-09	7.39E-08	9.744099
ENDOG	204824_PM_at	-1.4	0.5	5.8E-06	228599_PM_at	MS4A1	0.903936	3.706572	6.143018	2.87E-09	3.28E-08	10.61578
HINT2	224415_PM_s_at	-1.4	0.5	2.4E-07	216565_PM_x_at	---	0.903487	10.5216	6.659721	3.64E-19	3.02E-17	32.87702
KCNH6	211045_PM_s_at	-1.4	0.5	7.1E-06	204036_PM_at	LPAR1	0.90239	6.870966	6.21683	1.91E-09	2.26E-08	11.01295
ARHGAP32	203431_PM_s_at	-1.4	0.5	7.1E-09	207996_PM_s_at	C18orf1	0.901665	6.419939	6.78881	7.10E-11	1.15E-09	14.20803
HOXD8	231906_PM_at	-1.4	0.5	4.8E-06	240652_PM_at	---	0.901174	4.613924	7.734974	2.04E-13	5.61E-12	19.91605
NHEJ1	219418_PM_at	-1.4	0.5	3.1E-08	228362_PM_s_at	FAM26F	0.900504	3.629857	8.523419	1.09E-15	4.59E-14	25.02877
LOC100286999	236874_PM_at	-1.4	0.5	3.9E-11	210466_PM_s_at	JUN	0.900365	6.840287	7.709478	2.40E-13	6.52E-12	19.75585
PECR	221142_PM_s_at	-1.4	0.5	4.9E-07	223952_PM_x_at	DHRS9	0.899494	4.4569	5.910666	9.91E-09	9.97E-08	9.417184
SGK494	244547_PM_at	-1.4	0.5	1.1E-05	231108_PM_at	FUS	0.899311	5.46629	6.602939	2.11E-10	3.10E-09	13.14743
LOC100289641	231046_PM_at	-1.4	0.5	1.1E-06	207522_PM_s_at	ATP2A3	0.899003	4.853028	6.902631	3.61E-11	6.28E-10	14.86776
DHX30	204355_PM_at	-1.4	0.5	1.8E-06	205685_PM_at	CD86	0.896916	5.224904	9.234955	7.71E-18	4.82E-16	29.88321
C4orf49	223734_PM_at	-1.4	0.5	2.3E-04	202086_PM_at	MX1	0.896633	8.252309	6.488801	4.09E-10	5.60E-09	12.50666
NPY6R	210444_PM_at	-1.4	0.5	1.0E-04	224925_PM_at	PREX1	0.89644	5.972799	8.977603	4.74E-17	2.58E-15	28.10313
IFT46	218483_PM_s_at	-1.4	0.5	7.0E-11	205266_PM_at	LIF	0.896312	4.758811	8.15156	1.33E-14	4.56E-13	22.58015
TOM11L	204485_PM_s_at	-1.4	0.5	8.1E-07	228007_PM_at	C6orf204	0.896015	6.137233	7.906479	6.70E-14	2.03E-12	21.00235
RMST	229782_PM_at	-1.4	0.5	2.8E-05	200951_PM_s_at	CCND2	0.895296	4.341299	8.063813	2.39E-14	7.85E-13	22.01187
SCNN1G	207295_PM_at	-1.4	0.5	8.6E-06	212464_PM_s_at	FN1	0.893709	10.02923	5.831755	1.56E-08	1.50E-07	8.980737
PAQR5	220333_PM_at	-1.4	0.5	4.0E-05	211980_PM_at	COL4A1	0.892823	10.46359	9.717918	2.39E-19	2.07E-17	33.29233
SLC16A4	205234_PM_at	-1.4	0.5	6.9E-04	227529_PM_s_at	AKAP12	0.892354	6.720092	5.6756	3.54E-08	3.13E-07	18.185262
CHTF8	224732_PM_at	-1.4	0.5	5.8E-09	204352_PM_at	TRAF5	0.891368	7.466174	7.518811	8.10E-13	1.93E-11	18.56857
FITM2	226805_PM_at	-1.4	0.5	4.9E-07	232396_PM_at	---	0.891071	6.035376	7.341674	2.46E-12	5.39E-11	17.48297
CL5orf17	224798_PM_s_at	-1.4	0.5	8.8E-06	219956_PM_at	GALNT6	0.891008	4.41099	7.906637	6.69E-14	2.03E-12	21.00336
CLNK	1562587_PM_at	-1.4	0.5	1.4E-10	235056_PM_at	ETV6	0.889954	6.468992	8.052913	2.56E-14	8.37E-13	21.94154
SFXN4	225143_PM_at	-1.4	0.5	4.4E-10	207691_PM_x_at	ENTPD1	0.88991	4.405641	8.494485	1.33E-15	5.48E-14	2

CCND1	208711_PM_s_at	-1.4	0.5	2.3E-05	210001_PM_s_at	SOCS1	0.874681	6.631629	7.101297	1.09E-11	2.08E-10	16.03751
CDK18	214797_PM_s_at	-1.4	0.5	2.2E-09	204169_PM_at	IMPDPH1	0.874106	6.769643	8.942222	6.07E-17	3.21E-15	27.86049
STGGALNAC2	204542_PM_at	-1.4	0.5	8.1E-05	224255_PM_s_at	ETV7	0.873687	4.181475	8.586339	7.11E-16	3.10E-14	25.49933
KLF15	221302_PM_at	-1.4	0.5	5.5E-07	226459_PM_at	PIK3AP1	0.873155	9.276554	8.817396	1.45E-16	7.08E-15	27.00863
GPC1L	212510_PM_at	-1.4	0.5	4.4E-07	1555758_PM_a_at	CDKN3	0.872686	4.333929	6.311637	1.12E-09	1.39E-08	11.52827
SLC12A1	220281_PM_at	-1.4	0.5	2.0E-03	205659_PM_at	HDAC9	0.872419	5.418053	6.50919	3.64E-10	5.05E-09	12.62053
TIMM44	203092_PM_at	-1.4	0.5	3.1E-11	224404_PM_s_at	FCRL5	0.872219	3.985039	5.968926	7.45E-09	7.73E-08	9.693279
CPT2	204263_PM_s_at	-1.4	0.5	2.3E-06	1560706_PM_at	---	0.871028	4.07564	8.396105	2.59E-15	1.01E-13	24.18323
FNIP2	225922_PM_at	-1.4	0.5	1.9E-08	213596_PM_at	CASP4	0.871	4.867407	7.09721	1.11E-11	2.13E-10	16.01321
ANKS4B	239087_PM_at	-1.4	0.5	1.0E-08	202191_PM_s_at	GAS7	0.870946	5.424343	5.525827	7.69E-08	6.28E-07	7.438277
LOH12CR2	236311_PM_at	-1.4	0.5	4.4E-07	227167_PM_s_at	---	0.870822	7.696131	7.657123	3.36E-13	8.78E-12	19.42793
TRPC7	208589_PM_at	-1.4	0.5	4.5E-04	213135_PM_at	TIAM1	0.870415	5.673438	6.397229	6.90E-10	8.97E-09	11.99847
LAMP1	201551_PM_s_at	-1.4	0.5	1.4E-08	208829_PM_at	TAPBP	0.870123	9.16557	9.135013	1.57E-17	9.22E-16	29.18878
GLRX5	221932_PM_s_at	-1.4	0.5	7.1E-13	223451_PM_s_at	CKLF	0.869846	8.785004	8.894066	8.49E-17	4.36E-15	27.53109
NET1	201829_PM_at	-1.4	0.5	1.8E-05	209714_PM_s_at	CDKN3	0.869456	4.569859	6.583543	2.37E-10	3.43E-09	13.03797
ZC3H7B	205877_PM_s_at	-1.4	0.5	4.3E-09	201670_PM_s_at	MARCKS	0.869453	8.022048	6.151964	2.73E-09	3.14E-08	10.66373
ECHDC2	218552_PM_at	-1.4	0.5	7.9E-08	204513_PM_s_at	ELMO1	0.869197	5.048728	7.442268	1.31E-12	3.03E-11	18.09615
KIAA1549	223575_PM_at	-1.4	0.5	2.3E-05	202436_PM_s_at	CYP1B1	0.868972	9.720759	7.445574	1.29E-12	2.97E-11	18.11767
MYLK4	1556136_PM_at	-1.4	0.5	4.8E-07	219229_PM_at	SLCO3A1	0.868848	6.747518	7.26108	4.06E-12	8.53E-11	16.99472
CORT	210182_PM_at	-1.4	0.5	9.7E-07	202267_PM_at	LAMC2	0.868287	5.181675	7.267073	3.92E-12	8.24E-11	17.03091
GABARAPL1	208868_PM_s_at	-1.4	0.5	3.9E-05	214981_PM_at	FAM20A	0.868014	5.243584	5.317835	2.20E-07	1.61E-06	6.427424
DAB2	201278_PM_at	-1.4	0.5	1.1E-06	201063_PM_at	RCN1	0.867696	9.104694	9.209131	9.26E-18	5.73E-16	29.7034
FGFR4	204579_PM_at	-1.4	0.5	3.7E-07	201697_PM_s_at	DNMT1	0.867464	7.850516	9.679219	3.16E-19	2.66E-17	33.01603
USP30	223602_PM_at	-1.4	0.5	1.5E-08	209598_PM_at	PNMA2	0.867317	6.016125	5.319089	2.18E-07	1.60E-06	6.433429
CLDN6	208474_PM_at	-1.4	0.5	8.6E-06	213906_PM_at	MYBL1	0.867282	4.422337	7.518571	8.11E-13	1.93E-11	18.56709
C6orf155	220324_PM_at	-1.4	0.5	3.2E-04	209806_PM_at	HIST1H2BK	0.866725	8.289202	7.567768	5.94E-13	1.46E-11	18.87106
ACACB	214584_PM_x_at	-1.4	0.5	2.2E-06	202436_PM_s_at	CYP1B1	0.866698	9.198743	7.387602	1.85E-12	4.14E-11	17.7628
SMPD1	209420_PM_at	-1.4	0.5	2.5E-08	230179_PM_at	LOC285812	0.865924	5.34938	6.194501	2.16E-09	2.53E-08	10.89242
CLF2	224352_PM_s_at	-1.4	0.5	2.0E-03	229296_PM_at	---	0.865737	7.634742	5.351832	1.52E-11	1.39E-06	6.590518
SDSL	228274_PM_at	-1.4	0.5	1.7E-04	213002_PM_at	MARCKS	0.865461	7.419263	7.762128	1.71E-13	4.79E-12	20.08705
SHMT2	214095_PM_at	-1.4	0.5	3.7E-07	219892_PM_at	TM6SF1	0.864891	4.836265	5.485933	9.43E-08	7.53E-07	7.241987
C10orf57	218174_PM_s_at	-1.4	0.5	6.3E-07	229947_PM_at	PI15	0.864789	4.196713	5.899246	1.08E-08	1.08E-07	9.329727
C9orf24	229012_PM_at	-1.4	0.5	1.3E-05	205499_PM_at	SRPX2	0.8642	4.912399	5.86034	1.34E-08	1.30E-07	9.128166
GOT1	208813_PM_at	-1.4	0.5	4.0E-06	205249_PM_at	EGR2	0.863821	4.255822	7.845943	9.94E-14	2.92E-12	20.61722
KIAA0895	213424_PM_at	-1.4	0.5	4.8E-06	221541_PM_at	CRISPLD2	0.863177	8.384743	6.143291	2.87E-09	3.27E-08	10.61724
VSNL1	203797_PM_s_at	-1.4	0.5	1.1E-05	205992_PM_s_at	IL15	0.8631	7.452438	8.485603	1.41E-15	5.77E-14	24.77685
WLS	221958_PM_s_at	-1.4	0.5	1.5E-07	226959_PM_at	CAMK1D /// LOC283070	0.862902	5.688286	5.978152	7.08E-09	7.41E-08	9.741658
MCCC1	218440_PM_at	-1.4	0.5	5.2E-07	204316_PM_at	RG510	0.862888	5.55399	8.974868	4.83E-17	2.62E-15	28.08435
ENOSF1	204142_PM_at	-1.4	0.5	8.9E-05	204794_PM_at	DUSP2	0.862622	4.021673	7.989761	3.89E-14	1.23E-12	21.5352
CDK5	204247_PM_s_at	-1.4	0.5	3.8E-06	239486_PM_at	---	0.8625	4.626394	7.615608	4.38E-13	1.11E-11	19.16893
C7orf41	226018_PM_at	-1.4	0.5	2.5E-03	204328_PM_at	TM6C	0.862154	5.36865	8.193952	1.01E-14	3.51E-13	22.85602
PDORX1	201578_PM_at	-1.4	0.5	3.4E-04	1552386_PM_at	GAPT	0.861768	3.858086	6.903963	3.58E-11	6.23E-10	14.87553
LOC644090	238319_PM_at	-1.4	0.5	9.5E-06	202663_PM_at	WIPF1	0.861715	5.462349	7.61568	4.38E-13	1.11E-11	19.16938
NUDT13	214136_PM_at	-1.4	0.5	1.8E-05	204627_PM_s_at	ITGB3	0.861533	4.779445	5.938245	8.79E-09	8.94E-08	9.532799
HOOX2	218780_PM_at	-1.4	0.5	1.4E-08	218928_PM_s_at	SLC37A1	0.860882	5.898424	9.464277	1.50E-18	1.08E-16	31.49117
LOC441453	217551_PM_at	-1.4	0.5	1.0E-04	1555613_PM_a_at	ZAP70	0.860542	3.992846	7.814013	1.22E-13	3.52E-12	20.41482
SLC2A11	232167_PM_at	-1.4	0.5	1.3E-07	213036_PM_x_at	ATP2A3	0.858789	5.870004	6.842894	5.15E-11	8.67E-10	14.52055
ZYG11B	225338_PM_at	-1.4	0.5	2.9E-08	203414_PM_at	MMMD	0.858072	7.189883	8.63968	4.94E-16	2.19E-14	25.80725
ESM1	208394_PM_x_at	-1.4	0.5	2.1E-04	244375_PM_at	---	0.857629	3.920529	8.686953	3.57E-16	1.64E-14	26.12549
RNF121	219021_PM_at	-1.4	0.5	4.7E-09	202437_PM_s_at	CYP1B1	0.857147	8.985892	7.015744	1.83E-11	3.37E-10	15.53096
GRPPL1	212432_PM_at	-1.4	0.5	5.0E-09	217436_PM_x_at	HLA-A /// HLA-F /// HLA-J	0.856307	9.65207	9.483924	1.30E-18	9.52E-17	31.62985
PCTP	218676_PM_s_at	-1.4	0.5	2.6E-05	211990_PM_at	HLA-DPA1	0.855775	12.10035	9.307012	4.61E-18	3.07E-16	30.38629
KIF16B	219570_PM_at	-1.4	0.5	7.3E-06	203302_PM_at	DCK	0.855377	7.642572	9.479492	1.34E-18	7.99E-17	31.59855
TAGLN3	204743_PM_at	-1.4	0.5	7.7E-04	201939_PM_at	PLK2	0.854934	7.382859	6.998247	2.03E-11	3.70E-10	15.42895
NAT8L	228880_PM_at	-1.4	0.5	2.7E-05	1555920_PM_at	CBX3	0.853832	6.37143	5.52447	7.74E-08	6.32E-07	7.431585
TRIM2	202341_PM_s_at	-1.4	0.5	3.8E-05	44673_PM_at	SIGLEC1	0.853312	5.924502	7.26375	4.00E-12	8.41E-11	17.01084
THNSL1	219800_PM_s_at	-1.4	0.5	5.5E-09	223413_PM_s_at	LYAR	0.852907	6.883092	7.430379	1.41E-12	3.24E-11	18.02448
ARG2	203945_PM_at	-1.4	0.5	6.5E-04	210388_PM_s_at	ERAP1	0.85264	5.153287	6.320585	1.07E-09	1.33E-08	11.57721
C16orf87	226608_PM_at	-1.4	0.5	2.7E-04	211075_PM_s_at	CD47	0.852204	8.945827	10.02409	2.52E-20	2.74E-18	35.49647
PGM1	201968_PM_s_at	-1.4	0.5	9.3E-07	210113_PM_s_at	NLRP1	0.851523	4.771195	8.505784	1.23E-15	5.14E-14	24.91121
OXCT1	202780_PM_at	-1.4	0.5	2.3E-04	1556658_PM_a_at	---	0.851465	5.915132	5.242394	3.19E-07	2.25E-06	6.068522
ELMO3	219411_PM_at	-1.4	0.5	1.5E-05	204781_PM_s_at	FAS	0.850068	7.027511	8.223869	8.24E-15	2.94E-13	23.05123
POMZP3 /// ZP3	204148_PM_s_at	-1.4	0.5	1.9E-03	1555878_PM_at	RP524	0.850076	6.628607	5.803253	1.81E-08	1.71E-07	8.834288
CHRD1L	209763_PM_at	-1.4	0.5	8.3E-03	202646_PM_at	WIPF1	0.848351	8.609836	9.466687	1.47E-18	1.06E-16	31.50817
PROSC	209384_PM_at	-1.4	0.5	4.1E-04	213797_PM_at	RSAD2	0.847866	4.607961	5.675187	3.55E-08	3.14E-07	8.183182
BOK	223349_PM_s_at	-1.4	0.5	8.3E-05	230669_PM_at	RASA2	0.84735	6.950323	6.469518	4.57E-10	6.19E-09	12.3992
SSTR1	235591_PM_at	-1.4	0.5	5.4E-05	225655_PM_at	UHRF1	0.847236	4.420641	8.201714	9.56E-15	3.36E-13	22.90663
CDK10	203468_PM_at	-1.4	0.5	5.4E-07	217992_PM_s_at	EFHD2	0.847079	7.057961	9.071716	2.45E-17	1.39E-15	28.75102
MCRNA00175	1564017_PM_at	-1.4	0.5	1.5E-09	224963_PM_at	SLC26A2	0.846932	6.046151	6.334961	9.82E-10	1.23E-08	11.65594
PHYHIP1	226623_PM_at	-1.4	0.5	3.4E-04	223774_PM_at	SNHG12	0.846823	5.994562	8.087715	2.04E-14	6.76E-13	22.1663
SOX6	223865_PM_at	-1.4	0.5	4.3E-06	223658_PM_at	KCNK6	0.846489	4.717252	8.25618	6.64E-15	2.42E-13	23.26253
TSPAN9	205665_PM_at	-1.4	0.5	7.8E-12	230494_PM_at	---	0.846128	6.428511	5.405155	1.42E-07	1.09E-06	6.848014
LOC400960	227969_PM_at	-1.4	0.5	3.4E-09	203256_PM_at	CDH3	0.84589	7.408422	6.214515	1.93E-09	2.29E-08	11.00044
HCN3	228741_PM_s_at	-1.4	0.4	7.3E-08	234306_PM_s_at	SLAMF7	0.845331	3.8749	7.780616	1.52E-13	4.28E-12	20.20368
NR2F6	209261_PM_s_at	-1.4	0.4	2.0E-10	213446_PM_s_at	IQGAP1	0.844713	7.386357	5.016647	9.52E-07	6.03E-06	5.019675
LNPI	227181_PM_at	-1.4	0.4	1.3E-05	224406_PM_s_at	FCRL5	0.844533	4.46766	6.739736	9.49E-11	1.50E-09	13.92597
TEX261	212083_PM_at	-1.4	0.4	2.8E-13	1565436_PM_s_at	MLL	0.844529	5.288661	6.520862	3.40E-10	4.76E-09	12.68583
FGGY	219718_PM_at	-1.4	0.4	6.3E-10	224009_PM_x_at	DHRS9	0.844436	4.361429	5.71772	2.84E-08	2.57E-07	8.398166
EPM2A	205231_PM_s_at	-1.4	0.4	4.4E-06	212013_PM_at	PXDN	0.844004	6.79007	5.602097	5.19E-08	4.42E-07	7.8167
C5orf4	220751_PM_s_at	-1.4	0.4	3.8E-07	225622_PM_at	PAG1	0.843004	4.096203	8.555712	8.77E-16	3.74E-14	25.2444
C10orf140	1559265											

ERI3	208973_PM_at	-1.4	0.4	3.6E-06	39318_PM_at	TCL1A	0.836416	3.668313	5.992004	6.57E-09	6.93E-08	9.814407
CDHP	207729_PM_at	-1.4	0.4	4.4E-08	228234_PM_at	TICAM2 /// TMED7-TICAM2	0.836396	6.692117	8.00775	3.45E-14	1.10E-12	21.65075
ACPP	204393_PM_s_at	-1.4	0.4	1.8E-03	1557797_PM_s_at	---	0.836142	5.992751	6.579846	2.42E-10	3.50E-09	13.01713
RORA	210426_PM_x_at	-1.4	0.4	3.3E-05	202763_PM_at	CASP3	0.834162	6.820149	8.850986	1.15E-16	5.71E-15	27.23722
UCK1	223141_PM_at	-1.4	0.4	4.7E-12	210184_PM_at	ITGAX	0.833001	4.561555	6.939663	2.89E-11	5.13E-10	15.08406
SNPH	205104_PM_at	-1.4	0.4	3.9E-07	206313_PM_at	HLA-DOA	0.832797	4.200957	8.00646	3.48E-14	1.11E-12	21.64246
LOC730101	213248_PM_at	-1.4	0.4	1.3E-04	230233_PM_at	---	0.832534	4.771975	5.947243	8.37E-09	8.56E-08	9.579797
URO5	203031_PM_s_at	-1.4	0.4	2.3E-05	239027_PM_at	DOCK8	0.832508	4.996343	8.107444	1.79E-14	6.00E-13	22.29397
GET4 /// SUN1	223811_PM_s_at	-1.4	0.4	4.7E-07	232253_PM_at	C5orf56	0.832161	6.592387	7.039073	1.58E-11	2.95E-10	15.66867
PTER	218967_PM_s_at	-1.4	0.4	2.0E-03	202988_PM_s_at	RG51	0.832057	3.846629	6.842175	5.38E-11	8.69E-10	14.51639
C3orf23	226688_PM_at	-1.4	0.4	1.8E-04	235811_PM_at	---	0.83178	4.659446	5.52745	7.63E-08	6.24E-07	7.446287
CYP4X1	227702_PM_at	-1.4	0.4	2.3E-04	212382_PM_at	TCF4	0.831356	7.455396	5.313671	2.24E-07	1.64E-06	6.40751
PDZK1P1	219630_PM_at	-1.4	0.4	1.2E-02	227367_PM_at	SLCO3A1	0.831249	6.222572	6.243793	1.64E-09	1.97E-08	11.15892
DYNLRB2	238116_PM_at	-1.4	0.4	2.4E-03	243780_PM_at	---	0.831244	3.761648	5.403319	1.43E-07	1.10E-06	6.839115
DHRXS	225503_PM_at	-1.4	0.4	3.9E-07	1557749_PM_at	EHRP1L1	0.830438	4.594921	6.177212	2.38E-09	2.76E-08	10.79933
POU5F1B	214532_PM_x_at	-1.4	0.4	3.6E-11	219799_PM_s_at	DHR59	0.830377	4.766759	6.498638	3.87E-10	5.33E-09	12.56157
HTRA1	201185_PM_at	-1.4	0.4	4.8E-05	223586_PM_at	ARNTL2	0.830275	3.839083	8.363327	3.23E-15	1.24E-13	23.96674
MYO7A	208189_PM_s_at	-1.4	0.4	4.9E-09	209197_PM_at	SYT11	0.830239	6.042479	8.566271	8.16E-16	3.51E-14	25.31501
PFKFB2	207931_PM_s_at	-1.4	0.4	8.8E-07	242695_PM_at	---	0.829987	5.331519	5.645244	4.15E-08	3.62E-07	8.032591
XYLB	208318_PM_s_at	-1.4	0.4	6.1E-11	227779_PM_at	---	0.829259	6.889565	6.40477	6.61E-10	8.63E-09	12.04012
C2CD4B	229727_PM_x_at	-1.4	0.4	4.8E-08	220358_PM_at	BATF3	0.828786	4.818477	9.289571	5.23E-18	3.41E-16	30.26434
ADRB1	229277_PM_at	-1.4	0.4	3.9E-09	225411_PM_at	TMEM87B	0.828653	6.705837	8.04893	2.63E-14	8.57E-13	21.91585
UNC13B	202893_PM_at	-1.4	0.4	3.1E-07	1569030_PM_s_at	NUB1	0.828495	6.448259	7.200025	5.92E-12	1.19E-10	16.62726
ABCF3	202394_PM_s_at	-1.4	0.4	2.3E-09	221903_PM_s_at	CYLD	0.827284	7.433762	9.172018	1.20E-17	7.20E-16	29.44544
ANOS	229313_PM_at	-1.4	0.4	2.8E-03	215147_PM_at	---	0.826951	4.394545	8.612501	5.95E-16	2.61E-14	25.62472
ERLIN2	221542_PM_s_at	-1.4	0.4	5.1E-06	213923_PM_at	RAP2B	0.826865	8.794106	9.300008	4.85E-18	3.20E-16	30.33731
SPR	203458_PM_at	-1.4	0.4	5.1E-08	221795_PM_at	UGCG	0.826587	7.580463	5.319286	2.18E-07	1.60E-06	6.434369
HSF4	210977_PM_s_at	-1.4	0.4	1.1E-07	213241_PM_at	PLXNC1	0.826284	7.039684	5.932352	9.07E-09	9.21E-08	9.502405
GPR146	228770_PM_at	-1.4	0.4	6.8E-06	244024_PM_x_at	---	0.826182	4.780541	6.905562	3.54E-11	6.19E-10	14.88486
SEPX1	217977_PM_at	-1.4	0.4	2.8E-05	240481_PM_at	---	0.826005	4.00949	8.323554	4.23E-15	1.59E-13	23.70471
SUCNR1	223939_PM_at	-1.4	0.4	1.4E-02	232843_PM_s_at	DOCK8	0.825865	7.721595	8.685615	3.60E-16	1.65E-14	26.11647
ZNF697	227080_PM_at	-1.4	0.4	2.8E-10	203047_PM_at	STK10	0.825809	5.090532	9.102568	1.97E-17	1.14E-15	28.96419
NUDT14	231914_PM_at	-1.4	0.4	1.9E-05	232234_PM_at	SLA2	0.825559	3.950717	9.332835	3.84E-18	2.57E-16	30.56708
ARSB	206129_PM_s_at	-1.4	0.4	5.4E-06	212708_PM_s_at	MLL	0.824747	6.309669	5.848226	1.42E-08	1.38E-07	9.065622
LCLAT1	226996_PM_at	-1.4	0.4	3.9E-08	229659_PM_s_at	---	0.824664	8.441776	6.292608	1.25E-09	1.53E-08	11.42438
C2orf47	219176_PM_at	-1.4	0.4	9.9E-08	206295_PM_at	IL18	0.823737	6.117189	6.460599	4.81E-10	6.48E-09	12.34959
PDGFC	218718_PM_at	-1.4	0.4	1.4E-03	203186_PM_s_at	I100A4	0.823726	9.699783	6.527709	4.55E-08	3.93E-07	7.944692
EPB49	204505_PM_s_at	-1.4	0.4	1.2E-07	216541_PM_x_at	IGHG1 /// IGHM /// LOC100133862	0.823657	3.894229	5.129452	5.54E-07	3.71E-06	5.539044
OVOL1	206604_PM_at	-1.4	0.4	8.0E-08	214016_PM_at	SOX4	0.822487	9.011611	6.119744	3.27E-09	3.69E-08	10.49129
USP5	206031_PM_s_at	-1.4	0.4	8.6E-09	213503_PM_at	ANXA2	0.822289	11.39113	8.207716	9.18E-15	3.25E-13	22.94578
TTYH3	224674_PM_at	-1.4	0.4	3.4E-04	221602_PM_s_at	FAIM3	0.82165	4.064097	7.043557	1.54E-11	2.88E-10	15.69518
AFG3L2	202486_PM_at	-1.4	0.4	6.7E-10	223980_PM_s_at	SP110	0.820844	7.310533	7.192915	6.19E-12	1.24E-10	16.5846
DUX4 /// LOC4141056 /// LOC65	216473_PM_x_at	-1.4	0.4	4.3E-05	218559_PM_s_at	MAFB	0.82043	9.201842	7.937542	5.47E-14	1.69E-12	21.20069
VEGFB	203683_PM_s_at	-1.4	0.4	8.9E-09	204567_PM_s_at	ABCG1	0.820317	6.809071	5.975363	7.19E-09	7.50E-08	9.727025
CAB1	218168_PM_s_at	-1.4	0.4	1.1E-06	21030_PM_s_at	BHLHE41	0.819751	6.257188	5.224387	3.49E-07	2.44E-06	5.983473
ADSS	221761_PM_at	-1.4	0.4	5.7E-04	228080_PM_at	LAYN	0.819652	5.250364	7.163163	7.43E-12	1.47E-10	16.40642
RDX	204969_PM_s_at	-1.4	0.4	9.0E-04	203167_PM_at	TIMP2	0.819274	6.828996	6.540061	3.04E-10	4.31E-09	12.79343
TRUB2	223109_PM_at	-1.4	0.4	9.4E-08	225897_PM_at	MARCKS	0.819195	8.267162	5.917474	7.34E-09	7.63E-08	9.706633
ZNF204P	214823_PM_at	-1.4	0.4	9.4E-04	209539_PM_at	ARHGEF6	0.819168	8.355501	7.727651	2.14E-13	5.84E-12	19.87
GOSR2	210009_PM_s_at	-1.3	0.4	1.3E-08	201590_PM_x_at	ANXA2	0.819103	11.4021	8.11259	1.73E-14	5.80E-13	22.32731
TRAPPC2L	218354_PM_at	-1.3	0.4	1.1E-07	202949_PM_s_at	FHL2	0.818951	8.7461	6.881015	4.10E-11	7.05E-10	14.74188
SEMA3B	203070_PM_at	-1.3	0.4	5.0E-09	213652_PM_at	PCSK5	0.818856	5.491043	6.111204	3.42E-09	3.84E-08	10.4457
TMEM129	225587_PM_at	-1.3	0.4	1.1E-07	238063_PM_at	TMEM154	0.818032	4.372841	7.819792	1.18E-13	3.40E-12	20.45141
QGFOD2	219245_PM_s_at	-1.3	0.4	6.1E-08	218872_PM_at	TESC	0.817902	6.018795	6.423321	5.95E-10	7.84E-09	12.14223
SCN11A	203453_PM_at	-1.3	0.4	9.6E-07	218995_PM_s_at	EDN1	0.817718	6.144475	6.266637	1.44E-09	1.76E-08	11.28295
C19orf46	235515_PM_at	-1.3	0.4	3.0E-04	205739_PM_x_at	ZNF107	0.817489	5.118756	7.982387	4.08E-14	1.29E-12	21.48788
ALBIM3	205730_PM_s_at	-1.3	0.4	1.0E-03	218777_PM_at	REEP4	0.814232	6.40372	7.72593	2.16E-13	5.91E-12	19.85919
CVB5R1	202263_PM_at	-1.3	0.4	1.1E-05	231077_PM_at	C1orf192	0.814088	4.563343	7.169969	7.13E-12	1.42E-10	16.44714
LOC148709	1558577_PM_at	-1.3	0.4	8.3E-11	204269_PM_at	PIM2	0.813684	4.991352	5.761829	2.25E-08	2.09E-07	8.622441
PLEKHN1	224125_PM_at	-1.3	0.4	8.8E-06	203868_PM_s_at	VCAM1	0.813475	10.66517	8.034088	2.90E-14	3.93E-13	21.82201
ATPGVOC	200954_PM_at	-1.3	0.4	1.8E-07	204780_PM_s_at	FAS	0.811854	7.698794	6.732992	9.88E-11	1.55E-09	13.88732
PGRMC2	201701_PM_s_at	-1.3	0.4	8.5E-10	203708_PM_at	PDE4B	0.811268	6.399125	6.116145	3.33E-09	3.75E-08	10.47207
CYP2J2	205073_PM_at	-1.3	0.4	7.5E-03	206296_PM_x_at	MAP4K1	0.811256	4.223142	7.623376	4.17E-13	1.07E-11	19.21733
YY1AP1	217836_PM_s_at	-1.3	0.4	4.7E-07	212413_PM_at	---	0.811118	6.62922	8.769038	2.02E-16	9.75E-15	26.68038
NAPSA	223806_PM_s_at	-1.3	0.4	6.5E-03	228372_PM_at	C10orf128	0.810952	7.006971	6.05876	4.57E-09	4.99E-08	10.16634
GPATCH3	218895_PM_at	-1.3	0.4	9.5E-08	210427_PM_x_at	ANXA2	0.809712	11.41512	8.045825	2.69E-14	8.73E-13	21.89583
BBS12	229603_PM_at	-1.3	0.4	2.1E-04	219452_PM_at	DPEP2	0.809382	4.365837	7.850377	9.66E-14	2.84E-12	20.64536
SIRT4	220047_PM_at	-1.3	0.4	1.7E-07	208961_PM_s_at	KLF6	0.809169	6.819514	7.568004	5.93E-13	1.46E-11	18.87306
MUC20	226622_PM_at	-1.3	0.4	9.0E-04	1559101_PM_at	FYN	0.809029	5.521809	7.913526	6.40E-14	1.95E-12	21.04731
GOLGA2B	219876_PM_s_at	-1.3	0.4	4.7E-07	240861_PM_at	---	0.808808	5.478058	5.90766	1.04E-08	1.04E-07	9.37345
PLEKHF2	218640_PM_s_at	-1.3	0.4	1.1E-03	202971_PM_s_at	DYRK2	0.807596	6.719433	6.839565	5.26E-11	8.82E-10	14.50126
ADAL	238424_PM_at	-1.3	0.4	3.6E-08	210549_PM_s_at	CCL23	0.807292	4.01967	5.873288	1.25E-08	1.23E-07	9.19513
CRY2	202950_PM_at	-1.3	0.4	1.6E-05	218611_PM_at	IER5	0.807282	7.977671	7.615013	4.39E-13	1.11E-11	19.16522
PAR6G	227204_PM_at	-1.3	0.4	1.7E-06	212975_PM_at	DENDN3	0.806807	6.785533	8.532084	1.03E-15	4.35E-14	25.08658
RBP7	238066_PM_at	-1.3	0.4	2.0E-02	222088_PM_s_at	SLC2A14 /// SLC2A3	0.806511	4.020832	7.203199	5.81E-12	1.17E-10	16.64631
TJM13	218188_PM_s_at	-1.3	0.4	9.9E-07	203780_PM_at	MPZL2	0.805519	7.735331	7.972406	4.35E-14	1.37E-12	21.42388
NDUFC1	203478_PM_at	-1.3	0.4	1.4E-05	231513_PM_at	---	0.804219	4.176224	6.022269	5.57E-09	5.97E-08	9.97396
ATPVOD1	212041_PM_at	-1.3	0.4	3.5E-05	207734_PM_at	LAX1	0.803378	4.473188	6.980168	2.26E-11	4.10E-10	15.32157
BGAL74	210540_PM_s_at	-1.3	0.4	2.0E-06	1563674_PM_at	FCRL2	0.803334	3.943977	7.22261	5.15E-12	1.06E-10	16.76295
TDP2	202266_PM_at	-1.3	0.4	6.3E-06	204881_PM_s_at	UGCG	0.802604	8.399523	5.966629	7.54E-09	7.81E-08	9.68124
SLCO4C1	207596_PM_at	-1										

KIAA2013	224706_PM_at	-1.3	0.4	3.8E-09	221565_PM_s_at	CALHM2	0.793826	5.198842	6.322302	1.06E-09	1.32E-08	11.58661
MOSC1	218865_PM_at	-1.3	0.4	1.2E-08	1555120_PM_at	CD96	0.793645	3.61537	9.335863	3.76E-18	2.52E-16	30.58828
ST13	207040_PM_s_at	-1.3	0.4	1.0E-09	217916_PM_s_at	FAM49B	0.793585	8.511014	9.906114	6.02E-20	5.89E-18	34.64343
XIAP	206536_PM_s_at	-1.3	0.4	3.6E-05	205931_PM_s_at	CREB5	0.793228	6.441385	5.174234	4.46E-07	3.05E-06	5.747853
HIPK2	213763_PM_at	-1.3	0.4	2.4E-06	243810_PM_at	---	0.792836	4.222884	6.323638	1.05E-09	1.31E-08	11.59392
HSDL2	209512_PM_at	-1.3	0.4	4.8E-06	217739_PM_s_at	NAMPT	0.792784	8.076345	7.708544	2.41E-13	6.55E-12	19.74999
TCEAL2	211276_PM_at	-1.3	0.4	6.5E-03	228799_PM_at	---	0.792634	5.800097	7.674599	3.00E-13	7.95E-12	19.53724
CTNS	204925_PM_at	-1.3	0.4	1.5E-07	210916_PM_s_at	CD44	0.79262	4.146533	6.730919	1.00E-10	1.56E-09	13.87545
SIV1	203489_PM_at	-1.3	0.4	2.0E-05	232150_PM_at	---	0.791994	7.103335	6.520465	3.41E-10	4.77E-09	12.68361
GN7	206896_PM_s_at	-1.3	0.4	4.5E-06	1555355_PM_s_at	ETS1	0.79156	4.786114	6.924936	3.16E-11	5.55E-10	14.99795
SEMA6D	220574_PM_at	-1.3	0.4	6.7E-03	229367_PM_s_at	GIMAP6	0.790785	8.000228	7.065477	1.35E-11	2.54E-10	15.82491
LRRTM1	238815_PM_at	-1.3	0.4	1.2E-07	203175_PM_at	RHOQ	0.790484	7.511846	8.409637	3.37E-15	9.31E-14	24.27275
IQSEC2	214819_PM_at	-1.3	0.4	6.8E-08	229510_PM_at	MS4A14	0.790148	4.612101	8.254536	6.72E-15	2.44E-13	23.25177
FCGR7	218831_PM_s_at	-1.3	0.4	6.4E-07	225764_PM_at	ETV6	0.789898	7.83749	9.778159	1.54E-19	1.38E-17	33.72349
NFIA	224975_PM_at	-1.3	0.4	4.1E-03	238534_PM_at	LRRFIP1	0.789195	5.390873	5.752724	2.36E-08	2.18E-07	8.576036
HBXIP	202299_PM_s_at	-1.3	0.4	2.3E-08	213261_PM_at	TRANK1	0.788875	5.040799	8.316966	4.42E-15	1.66E-13	23.66138
SUCLA2	202930_PM_s_at	-1.3	0.4	5.3E-06	206214_PM_at	PLA2G7	0.788815	4.124388	5.714579	2.89E-08	2.61E-07	8.382247
SOSTDC1	213456_PM_at	-1.3	0.4	1.1E-02	204900_PM_x_at	SAP30	0.788478	6.196443	8.716622	2.91E-16	1.35E-14	26.32571
LOC100287572	231952_PM_at	-1.3	0.4	1.5E-04	213226_PM_at	CNNA2	0.788339	4.456619	7.383315	1.90E-12	4.24E-11	17.73663
EVX1	207914_PM_x_at	-1.3	0.4	1.4E-06	215039_PM_at	HS2ST1 /// LOC339524	0.788225	5.862533	5.305672	2.33E-07	1.70E-06	6.369279
GP2	206681_PM_x_at	-1.3	0.4	6.3E-03	210220_PM_at	FZD2	0.787443	4.843292	7.308748	3.02E-12	6.54E-11	17.28306
PRUNE	209586_PM_s_at	-1.3	0.4	6.7E-06	230264_PM_s_at	AP1S2	0.787344	8.756927	7.665604	3.18E-13	8.38E-12	19.48096
ISM1	232888_PM_at	-1.3	0.4	2.5E-07	1559263_PM_s_at	PPIL4 /// ZC3H12D	0.787342	5.47233	5.233989	3.35E-07	2.34E-06	6.028797
LOC339535	235599_PM_at	-1.3	0.4	7.7E-04	229101_PM_at	IL17RA	0.78702	5.632612	6.967419	2.44E-11	4.40E-10	15.24671
DGCR5	215244_PM_at	-1.3	0.4	6.5E-08	223533_PM_at	LRRRC8	0.786833	5.1519	7.858206	9.18E-14	2.71E-12	20.69508
C2orf7	223312_PM_at	-1.3	0.4	3.0E-05	211529_PM_x_at	HLA-G	0.786797	10.68609	7.680237	2.90E-13	7.71E-12	19.57253
C14orf149	227699_PM_at	-1.3	0.4	4.2E-04	209369_PM_at	ANXA3	0.786767	7.917603	5.565833	6.26E-08	5.23E-07	7.636259
TMTCA	225666_PM_at	-1.3	0.4	9.1E-05	209166_PM_s_at	MAN2B1	0.786695	7.915634	8.482928	1.44E-15	5.87E-14	24.75906
PGAM2	205736_PM_at	-1.3	0.4	4.2E-02	210517_PM_s_at	AKAP12	0.786652	6.539883	7.122273	9.55E-12	1.85E-10	16.16234
CMTM8	235099_PM_at	-1.3	0.4	7.1E-05	229593_PM_at	---	0.786409	5.858791	7.300472	3.18E-12	6.85E-11	17.23291
ENAM	223893_PM_at	-1.3	0.4	6.3E-04	229795_PM_at	---	0.786299	5.117693	6.852845	4.86E-11	8.21E-10	14.57824
ZNF358	219379_PM_x_at	-1.3	0.4	3.8E-09	209118_PM_s_at	TUBA1A	0.7862	10.58173	7.123148	9.50E-12	1.84E-10	16.16756
FOXRED1	232128_PM_at	-1.3	0.4	2.3E-07	235242_PM_at	---	0.785821	7.173844	8.19638	9.90E-15	3.46E-13	22.87185
SIRT3	221562_PM_s_at	-1.3	0.4	2.3E-08	225636_PM_at	STAT2	0.785154	9.568975	10.53339	5.64E-22	9.57E-20	39.22999
MTMR4	212277_PM_at	-1.3	0.4	3.1E-05	204014_PM_at	DUSP4	0.78462	3.988946	7.616991	4.34E-13	1.10E-11	19.17755
LOC22A24	1553923_PM_at	-1.3	0.4	7.0E-03	210484_PM_at	PLA1A	0.78456	7.584674	5.137501	5.33E-07	5.36E-06	5.76464
TTC22	235651_PM_at	-1.3	0.4	3.2E-03	210514_PM_x_at	HLA-G	0.784546	10.11418	5.187762	4.17E-07	2.86E-06	5.811225
GGT7	226469_PM_s_at	-1.3	0.4	7.0E-06	219540_PM_at	ZNF267	0.783848	7.225502	10.11588	1.28E-20	1.50E-18	36.16336
RXRA	204226_PM_s_at	-1.3	0.4	3.9E-10	206090_PM_s_at	DISC1 /// TSXN- DISC1	0.783487	4.575643	10.13051	1.15E-20	1.37E-18	36.26994
TMEM125	225822_PM_at	-1.3	0.4	8.4E-04	205068_PM_at	ARHGAP26	0.782212	6.25524	8.373528	3.02E-15	1.17E-13	24.03406
FBXL5	209004_PM_s_at	-1.3	0.4	3.6E-08	204069_PM_at	---	0.782042	5.280701	6.334774	9.84E-10	1.24E-08	11.65491
C11orf52	238805_PM_at	-1.3	0.4	1.8E-04	227099_PM_s_at	AG2	0.781177	9.059124	6.075062	4.18E-09	4.60E-08	10.25329
WDFY3	212598_PM_at	-1.3	0.4	4.9E-06	209869_PM_at	ADRA2A	0.781091	4.765752	5.18929	4.14E-07	2.84E-06	5.818395
GATA2	209710_PM_at	-1.3	0.4	1.3E-07	221477_PM_s_at	SOD2	0.781089	10.56749	7.246568	4.45E-12	9.25E-11	16.90719
ITGA6	201656_PM_at	-1.3	0.4	5.1E-04	202705_PM_at	CCNB2	0.780852	4.238066	6.987785	2.16E-11	3.94E-10	15.36634
PP1D	204185_PM_x_at	-1.3	0.4	1.6E-06	236561_PM_at	---	0.780608	6.72359	5.923524	9.53E-09	9.62E-08	9.454617
SLC16A7	207057_PM_at	-1.3	0.4	1.1E-03	2101037_PM_at	PFKP	0.780325	8.989857	8.269436	6.08E-15	2.23E-13	23.34937
BCKDHA	202331_PM_at	-1.3	0.4	1.2E-07	223168_PM_at	RHOV	0.779581	7.539305	8.196927	9.87E-15	3.45E-13	22.87542
BSPRY	218792_PM_s_at	-1.3	0.4	2.2E-05	225971_PM_at	DDHD1	0.779406	5.780276	7.968612	4.46E-14	1.40E-12	21.39956
DARS2	218365_PM_s_at	-1.3	0.4	1.1E-04	241681_PM_at	---	0.778795	8.589637	5.705704	3.03E-08	2.72E-07	8.337305
PPP2R1A	200695_PM_at	-1.3	0.4	5.3E-05	214219_PM_x_at	MAP4K1	0.778786	4.117619	7.585869	5.29E-13	1.32E-11	18.98396
LASS2	222212_PM_s_at	-1.3	0.4	4.1E-06	222872_PM_x_at	OBFC2A	0.778772	7.46582	6.795374	6.83E-11	1.11E-09	14.24586
ERF	203643_PM_at	-1.3	0.4	2.4E-07	204477_PM_at	IFIT3	0.778577	6.971225	5.593387	5.43E-08	4.61E-07	7.773276
SLC35A3	206770_PM_s_at	-1.3	0.4	7.2E-06	242191_PM_at	NBPF10	0.777532	5.937354	5.354566	1.83E-07	1.37E-06	6.603674
GPRASP1	204793_PM_at	-1.3	0.4	1.3E-04	217456_PM_x_at	HLA-E	0.777007	11.33033	9.286948	5.32E-18	3.46E-16	30.24601
PSMG4	228217_PM_s_at	-1.3	0.4	2.6E-07	243934_PM_at	---	0.776885	4.265366	7.769953	1.63E-13	4.57E-12	20.13639
DHRS1	213279_PM_at	-1.3	0.4	9.4E-05	201853_PM_s_at	CDC25B	0.776669	7.137667	8.256095	6.65E-15	2.42E-13	23.26198
SNX4	205329_PM_s_at	-1.3	0.4	4.7E-05	202820_PM_at	AHR	0.776566	8.713723	9.07889	2.33E-17	1.33E-15	28.80055
ZFAT	226564_PM_at	-1.3	0.4	2.7E-07	217733_PM_s_at	TMSB10	0.776438	12.2964	11.43651	5.56E-25	2.94E-22	46.02942
ZFPL1	209428_PM_s_at	-1.3	0.4	1.4E-07	210559_PM_s_at	CDK1	0.775745	4.617966	5.608578	5.02E-08	4.29E-07	7.849042
TRAP1	201391_PM_at	-1.3	0.4	5.9E-08	226879_PM_at	HVCN1	0.775684	5.242486	7.661076	3.27E-13	8.60E-12	19.45265
WDSU81	226668_PM_at	-1.3	0.4	1.9E-05	2059222_PM_at	VNN2	0.77531	5.272011	6.416955	6.17E-10	8.10E-09	12.10749
LONP1	209017_PM_s_at	-1.3	0.4	5.6E-06	203570_PM_at	LOXL1	0.775187	7.676402	6.643504	1.67E-10	2.50E-09	13.3771
ATRN	211852_PM_s_at	-1.3	0.4	2.4E-07	236322_PM_at	---	0.775106	4.954422	6.029742	5.35E-09	5.76E-08	10.01325
MON1A	224500_PM_s_at	-1.3	0.4	2.3E-06	204786_PM_s_at	IFNAR2	0.774671	7.462371	9.193801	1.03E-17	6.28E-16	29.59678
PEG3 /// ZIM2	209243_PM_s_at	-1.3	0.4	3.2E-05	206942_PM_s_at	PMCH	0.774582	3.757613	6.566555	2.61E-10	3.75E-09	12.94229
TFDP2	203588_PM_s_at	-1.3	0.4	2.6E-08	213247_PM_at	SVEP1	0.774387	7.234697	5.333058	2.04E-07	1.51E-06	6.500351
MAP2K3	207667_PM_s_at	-1.3	0.4	2.9E-06	204950_PM_at	CARD8	0.772928	6.554999	7.363193	2.15E-12	4.78E-11	17.61394
MRP35	217942_PM_at	-1.3	0.4	8.8E-10	211434_PM_s_at	CCRL2	0.772638	4.436092	7.516492	8.22E-13	1.96E-11	18.55425
C16orf5	218183_PM_at	-1.3	0.4	1.3E-07	212420_PM_at	ELF1	0.772581	8.127879	6.678541	1.36E-10	2.07E-09	13.57629
CMBL	227522_PM_at	-1.3	0.4	9.0E-05	210652_PM_at	TTC39A	0.772322	6.790381	5.609844	4.99E-08	4.27E-07	7.855365
SLCY	221575_PM_at	-1.3	0.4	4.2E-07	219593_PM_at	SLC15A3	0.771449	5.220427	7.31733	2.87E-12	6.22E-11	17.33511
DLAT	211150_PM_s_at	-1.3	0.4	2.3E-04	203767_PM_s_at	STS	0.771197	5.553793	6.376052	7.79E-10	1.00E-08	11.8817
OPLAH	222025_PM_s_at	-1.3	0.4	7.1E-05	232304_PM_at	PELI1	0.770828	5.514207	5.294075	2.47E-07	1.79E-06	6.313941
ARHGEF17	203756_PM_at	-1.3	0.4	5.8E-06	239287_PM_at	---	0.770495	3.707515	6.115762	3.34E-09	3.76E-08	10.47003
FGD5	226984_PM_at	-1.3	0.4	1.8E-09	236883_PM_at	---	0.770156	5.998382	6.534967	3.14E-10	4.43E-09	12.76486
DHRS3	202481_PM_at	-1.3	0.4	7.8E-07	203026_PM_at	LOC100131096	0.769918	4.35389	7.746854	1.89E-13	5.25E-12	19.99081
PPM1H	212686_PM_at	-1.3	0.4	7.9E-10	218157_PM_x_at	CDC425E1	0.769861	8.857259	9.247222	7.06E-18	4.48E-16	29.96871
BSND	1552548_PM_at	-1.3	0.4	4.2E-07	212724_PM_at	RND3	0.769667	8.20626	6.807996	6.34E-11	1.04E-09	14.31869
AP1S1	205195_PM_at	-1.3	0.4	4.0E-03	219918_PM_s_at	ASPM	0.769467	3.752554	7.575617	5.65E-13	1.39E-11	18.92029
NR1D1 /// THRA	204760_PM_s_at	-1.3	0.									

VTN	204534_PM_at	-1.3	0.4	2.5E-04	202837_PM_at	TRAFD1	0.760446	5.516817	8.137909	1.46E-14	4.95E-13	22.4915
HMXI	207353_PM_s_at	-1.3	0.4	5.9E-05	219403_PM_s_at	HPSE	0.759945	3.889599	8.635509	5.08E-16	2.25E-14	25.77921
SNORD123	227655_PM_at	-1.3	0.4	1.6E-04	212472_PM_at	MICAL2	0.759833	5.408754	6.08709	3.91E-09	4.33E-08	10.31723
ASAHI	210980_PM_s_at	-1.3	0.4	1.1E-05	201426_PM_s_at	VIM	0.758853	11.64617	6.908143	3.49E-11	6.10E-10	14.89991
C10orf116	203571_PM_s_at	-1.3	0.4	1.4E-03	225081_PM_s_at	CDC47L	0.758532	5.715625	5.897022	1.10E-08	1.09E-07	9.318176
RTNA	210968_PM_s_at	-1.3	0.4	4.9E-09	232645_PM_at	LOC153684	0.757405	5.613058	6.494683	3.95E-10	5.43E-09	12.53948
GPC2	239422_PM_at	-1.3	0.4	4.8E-07	212354_PM_at	SULF1	0.756973	7.590815	5.126322	5.63E-07	3.76E-06	5.524086
GANAB	211934_PM_x_at	-1.3	0.4	4.8E-04	230405_PM_at	C5orf56	0.756265	8.212344	8.356495	3.39E-15	1.30E-13	23.92168
AGTRAP	225059_PM_at	-1.3	0.4	5.9E-04	205642_PM_at	CEP110	0.756159	5.068118	7.806537	1.28E-13	3.68E-12	20.36751
CHCHD4	229595_PM_at	-1.3	0.4	3.8E-09	204244_PM_s_at	DBF4	0.755866	5.162533	8.692581	3.43E-16	1.58E-14	26.16344
SLC25A30	226782_PM_at	-1.3	0.4	3.4E-08	35254_PM_at	TRAFD1	0.755131	6.783841	8.083285	2.10E-14	6.94E-13	22.13766
ACO2	200793_PM_s_at	-1.3	0.4	2.4E-10	202205_PM_at	VASP	0.754638	7.521923	7.705973	2.45E-13	6.65E-12	19.73385
DPY19L2	230158_PM_at	-1.3	0.4	3.6E-03	1552318_PM_at	GIMAP1	0.754618	5.164513	6.381321	7.56E-10	9.74E-09	11.91072
AAMP	201511_PM_at	-1.3	0.4	3.4E-05	232660_PM_at	ADORA3	0.75454	4.136899	5.376348	1.64E-07	1.24E-06	6.70865
OSBP	201799_PM_s_at	-1.3	0.4	1.7E-04	242234_PM_at	XAF1	0.754378	6.449836	5.826731	1.60E-08	1.53E-07	8.954881
TMEM63B	225271_PM_at	-1.3	0.4	3.4E-07	209545_PM_s_at	RIPK2	0.754051	7.506924	9.280135	5.59E-18	3.62E-16	30.19841
PTGES2	218083_PM_at	-1.3	0.4	4.6E-07	233085_PM_s_at	QBFC2A	0.753479	7.410077	6.787268	7.17E-11	1.16E-09	14.19914
KLHDC9	227582_PM_at	-1.3	0.4	5.8E-06	222396_PM_at	HN1	0.753125	8.032522	8.007401	3.46E-14	1.10E-12	21.6485
IFRD2	209100_PM_at	-1.3	0.4	7.8E-06	235476_PM_at	TRIM59	0.752416	4.235621	7.387488	1.85E-12	4.14E-11	17.76211
C7orf55 /// LUC7L2	226781_PM_at	-1.3	0.4	1.7E-05	209574_PM_s_at	C18orf1	0.752302	4.132403	8.465545	1.62E-15	6.54E-14	24.6435
MPDZ	205079_PM_s_at	-1.3	0.4	9.9E-06	207840_PM_at	CD160	0.752086	4.685002	7.8397	1.03E-13	3.03E-12	20.57761
IDH3B	201509_PM_at	-1.3	0.4	1.2E-07	229120_PM_s_at	CDC425E1	0.751896	8.60604	8.273286	5.92E-15	2.18E-13	23.3746
NCRNA00113	231491_PM_at	-1.3	0.4	9.7E-04	217371_PM_s_at	IL15	0.75166	5.54912	6.959257	2.57E-11	4.60E-10	15.19883
TMEM222	221512_PM_at	-1.3	0.4	1.9E-06	226810_PM_at	OGFR1L	0.751358	8.306086	7.402524	1.68E-12	3.80E-11	17.85397
COQ4	218328_PM_at	-1.3	0.4	8.6E-07	205213_PM_at	ACAP1	0.75134	4.19733	7.95806	4.78E-14	1.49E-12	21.33197
DAZAP2	200794_PM_x_at	-1.3	0.4	6.6E-03	230011_PM_at	MEI1	0.750932	4.15743	6.362834	8.39E-10	1.07E-08	11.80896
CBR4	213626_PM_at	-1.3	0.4	7.6E-10	240265_PM_at	TRAF3IP3	0.750907	3.77902	6.201529	2.09E-08	2.44E-08	10.93033
RNF5	209111_PM_at	-1.3	0.4	2.5E-06	216705_PM_s_at	ADA	0.75051	4.890585	6.972027	2.37E-11	4.29E-10	15.27482
MMACHC	211774_PM_s_at	-1.3	0.4	8.9E-06	212311_PM_at	SEL1L3	0.750458	6.821628	5.250947	3.06E-07	2.17E-06	6.109005
ARL15	219842_PM_at	-1.3	0.4	1.2E-06	204897_PM_at	PTGER4	0.749948	8.365223	7.640443	3.74E-13	9.68E-12	19.32376
OSGIN1	219475_PM_at	-1.3	0.4	1.4E-06	1556656_PM_at	---	0.749874	5.538252	6.684859	1.31E-10	2.00E-09	13.61228
C2orf43	219008_PM_at	-1.3	0.4	8.8E-04	238531_PM_x_at	---	0.749798	3.859011	6.904588	3.56E-11	6.22E-10	14.87917
BCAR3	204032_PM_at	-1.3	0.4	1.1E-04	201762_PM_s_at	PSME2	0.749445	10.40223	11.3726	9.14E-25	4.27E-22	45.54154
TOX3	214774_PM_x_at	-1.3	0.4	4.5E-03	216211_PM_at	---	0.749382	5.727023	5.526253	7.67E-08	6.27E-07	7.440383
GYLTL18	227829_PM_at	-1.3	0.4	1.9E-06	219582_PM_at	OGFR1L	0.74937	5.201051	7.973463	4.32E-14	1.36E-12	21.43065
DCI	209759_PM_s_at	-1.3	0.4	2.3E-05	241722_PM_x_at	---	0.749352	6.181166	5.921152	9.64E-09	9.73E-08	9.443663
GSR	205770_PM_at	-1.3	0.4	4.3E-06	229776_PM_at	SLCO3A1	0.749137	5.154839	5.737687	2.56E-08	2.34E-07	8.499521
LOC100288496	215777_PM_x_at	-1.3	0.4	1.7E-05	218451_PM_at	CDCP1	0.748502	4.857016	6.266352	1.45E-09	1.76E-08	11.2814
DADH1	209094_PM_at	-1.3	0.4	5.9E-03	200905_PM_x_at	HIA-E	0.747391	11.27582	9.525765	9.61E-19	7.21E-17	31.92567
MCCR	218664_PM_at	-1.3	0.4	1.9E-06	216829_PM_at	IGK /// IGKC /// LOC652493 /// LOC652694	0.747004	3.930409	5.029565	8.95E-07	5.71E-06	5.078668
CYBSR3	1554574_PM_a_at	-1.3	0.4	2.8E-03	222235_PM_s_at	CSGALNACT2 /// LOC644504	0.746662	6.969178	5.907985	1.03E-08	1.04E-07	9.375142
LOC100303728	239125_PM_at	-1.3	0.4	5.9E-08	228708_PM_at	RAB27B	0.746616	4.820135	5.58824	5.58E-08	4.72E-07	7.477642
SLC46A1	1552278_PM_a_at	-1.3	0.4	1.6E-08	235740_PM_at	---	0.746491	4.249036	6.102459	3.59E-09	4.02E-08	10.39907
CYP2E1	1431_PM_at	-1.3	0.4	1.8E-03	218898_PM_at	FAM57A	0.745952	5.477046	7.192375	6.21E-12	1.25E-10	16.58136
LRPPRC	211615_PM_s_at	-1.3	0.4	2.4E-06	201188_PM_s_at	ITPR3	0.745598	4.971958	6.298842	1.20E-09	1.49E-08	11.45839
ACN9	218981_PM_at	-1.3	0.4	2.0E-05	225502_PM_at	DOCK8	0.744771	8.111683	7.307452	3.05E-12	6.59E-11	17.2752
MDH2	209036_PM_s_at	-1.3	0.4	2.4E-09	203281_PM_s_at	UBA7	0.744765	6.998603	7.411576	1.59E-12	3.61E-11	17.90934
PEG3	209242_PM_at	-1.3	0.4	3.2E-03	231578_PM_at	GBP1	0.744378	3.583903	7.681844	2.87E-13	7.64E-12	19.58259
SUV420H2	224431_PM_s_at	-1.3	0.4	9.1E-08	203603_PM_s_at	ZEB2	0.744135	6.812053	6.112907	3.39E-09	3.81E-08	10.54579
OPCML	206215_PM_at	-1.3	0.4	3.2E-08	205205_PM_at	RELB	0.744076	4.664193	8.062944	2.40E-14	7.88E-13	22.00626
DNAJC11	215792_PM_s_at	-1.3	0.4	3.4E-07	222303_PM_at	---	0.743856	5.730428	5.6953	3.20E-08	2.86E-07	8.284688
ZNF205	206416_PM_at	-1.3	0.4	1.3E-06	229450_PM_at	IFIT3	0.743846	9.631524	6.877882	4.18E-11	1.17E-10	14.72366
KIAA1147	223161_PM_at	-1.3	0.4	9.5E-07	37170_PM_at	BMP2K	0.743462	6.038969	6.0442	4.94E-09	5.36E-08	10.08968
TBX2	205993_PM_s_at	-1.3	0.4	1.1E-03	236583_PM_at	GIMAP1	0.743335	6.086444	7.205298	5.74E-12	1.16E-10	16.65891
KLHDC2	217906_PM_at	-1.3	0.4	1.9E-07	242008_PM_at	---	0.743272	6.126567	5.737397	2.56E-08	2.34E-07	8.498049
C11orf1	222785_PM_x_at	-1.3	0.4	3.2E-04	213060_PM_s_at	CHI3L2	0.742635	4.055038	6.227188	1.80E-09	2.15E-08	11.06896
TNFAIP8L1	227420_PM_at	-1.3	0.4	1.6E-05	1568592_PM_at	TRIM69	0.742423	8.930986	9.061576	2.63E-17	1.49E-15	28.68104
TOMM22	222474_PM_s_at	-1.3	0.4	1.1E-04	210347_PM_s_at	BCL11A	0.742304	4.201732	6.096386	3.71E-09	4.14E-08	10.36671
MUM111	229160_PM_at	-1.3	0.4	9.3E-03	33322_PM_i_at	SFN	0.741971	6.505138	9.965971	7.57E-09	7.83E-08	9.677792
LOC257396	234676_PM_at	-1.3	0.4	1.0E-05	214290_PM_s_at	HIST2H2AA3 /// HIST2H2AA4	0.741824	8.312053	6.674947	1.39E-10	2.11E-09	15.5582
RCAN1	208370_PM_s_at	-1.3	0.4	1.0E-02	227361_PM_at	HS3ST3B1	0.740681	4.255137	5.427359	1.01E-07	8.00E-07	17.75454
CNPE4	228796_PM_at	-1.3	0.4	1.6E-07	239205_PM_s_at	CR1 /// CR1L	0.739416	4.129004	6.685313	1.31E-10	1.99E-09	13.61487
SLC25A23	220182_PM_at	-1.3	0.4	1.7E-06	238949_PM_at	RNF145	0.73932	7.819718	7.437291	1.35E-12	3.11E-11	18.06685
C6orf105	215100_PM_at	-1.3	0.4	4.9E-04	230850_PM_at	---	0.739115	4.827418	5.955301	8.02E-09	8.42E-08	9.621929
RDH5	210106_PM_at	-1.3	0.4	2.5E-06	1552611_PM_a_at	JAK1	0.738773	9.209687	7.08697	1.18E-11	2.25E-10	15.95239
PSKH1	213141_PM_at	-1.3	0.4	5.9E-09	201746_PM_at	TP53	0.738758	5.832593	5.924347	9.47E-09	9.58E-08	9.460309
LOC100288099	1556468_PM_at	-1.3	0.4	1.4E-07	1555058_PM_a_at	LPGAT1	0.738346	6.14103	5.719	2.82E-08	2.56E-07	8.404654
PTK7	207011_PM_s_at	-1.3	0.4	1.8E-04	212012_PM_at	PXDN	0.738327	7.673767	5.554717	6.63E-08	5.51E-07	7.581132
C1orf183	220476_PM_s_at	-1.3	0.4	2.5E-10	235085_PM_at	SGK223	0.737886	8.121073	8.11287	1.72E-14	5.80E-13	22.32912
RTDR1	220105_PM_at	-1.3	0.4	2.7E-07	229256_PM_at	PGM2L1	0.736772	4.968079	6.699884	1.20E-10	1.85E-09	13.69799
HDAC6	206846_PM_s_at	-1.3	0.4	4.4E-07	216449_PM_x_at	HSP90B1	0.73663	9.522683	6.626171	1.85E-10	2.75E-09	13.27884
RG597B	1556199_PM_a_at	-1.3	0.4	6.5E-10	218368_PM_s_at	TNFRSF12A	0.736096	7.279765	6.063809	4.44E-09	4.87E-08	10.19356
FAM57B	227781_PM_x_at	-1.3	0.4	7.6E-06	224833_PM_at	ETS1	0.736063	9.314932	8.903101	7.98E-17	4.13E-15	27.59282
OAT	201599_PM_at	-1.3	0.4	2.6E-04	205081_PM_at	CRIP1	0.735851	8.506508	5.11958	5.81E-07	3.87E-06	5.493211
MLX	210752_PM_s_at	-1.3	0.4	3.8E-04	217755_PM_at	HN1	0.735663	8.002447	8.051311	2.59E-14	8.45E-13	21.9312
C1orf163	219420_PM_s_at	-1.3	0.4	1.4E-07	241816_PM_at	C14orf106	0.735643	4.221205	8.176353	1.13E-14	3.91E-13	22.74139
PFKM	210976_PM_s_at	-1.3	0.4	8.8E-04	228762_PM_at	LFNG	0.735411	6.500816	5.355851	1.82E-07	1.36E-06	6.609855
ARHGFG16	208009_PM_s_at	-1.3	0.4	3.1E-05	208392_PM_x_at	SP110	0.734263	5.77987	7.422238	1.49E-12	3.39E-11	17.9746
SMO	218629_PM_at	-1.3	0.4	3.1E-06	211209_PM_x_at	SH2D1A	0.7338	3.541486	8.032238	2.94E-14	9.50E-13	21.80829
EPN3	220318_PM_at	-1.3	0.4	1.2E-05	210933_PM_s_at	FSCN1	0.733791	7.3335	5.317466	2.20E-07</		

PAC3IN3	218744_PM_s_at	-1.3	0.4	5.1E-09	201668_PM_x_at	MARCK5	0.726153	4.664827	1791464	1.07E-10	1.66E-09	13.80988
CPEB3	205773_PM_at	-1.3	0.4	4.4E-13	202968_PM_s_at	DYRK2	0.725776	6.356821	6.991428	2.11E-11	3.86E-10	15.38776
MST1	205614_PM_x_at	-1.3	0.4	2.9E-03	226783_PM_at	AGXBT2L	0.723284	7.407397	6.098369	3.67E-09	4.10E-08	10.37727
CCDC159	227043_PM_at	-1.3	0.4	2.7E-05	1557718_PM_at	PPP2R5C	0.722809	5.214055	6.128496	3.11E-09	3.53E-08	10.53806
NDFIP2	224799_PM_at	-1.3	0.4	3.1E-05	240139_PM_at	---	0.722799	5.206474	5.385692	1.57E-07	1.19E-06	6.753791
GPR162	205056_PM_s_at	-1.3	0.4	1.3E-08	235023_PM_at	VPS13C	0.722799	8.044647	5.704941	3.04E-08	2.73E-07	8.33344
SGPP1	221268_PM_s_at	-1.3	0.4	6.9E-03	242060_PM_x_at	PHF11	0.722675	5.584045	5.698269	3.15E-08	2.82E-07	8.299693
GLTFP1	220734_PM_s_at	-1.3	0.4	4.3E-06	1562957_PM_at	---	0.722559	5.942597	7.377187	1.97E-12	4.40E-11	17.69924
HY1	221435_PM_x_at	-1.3	0.4	1.1E-07	213598_PM_at	---	0.722386	8.855463	6.51547	3.51E-10	4.90E-09	12.65565
ZBTB44	220243_PM_at	-1.3	0.4	4.0E-03	206170_PM_at	ADRB2	0.721885	4.84933	6.879975	4.13E-11	7.09E-10	14.73583
ATP6VOA1	205095_PM_s_at	-1.3	0.4	2.5E-08	227262_PM_at	HAPLN3	0.721138	5.070104	7.380264	1.94E-12	4.32E-11	17.71802
C21orf2	203993_PM_x_at	-1.3	0.4	2.1E-09	229264_PM_at	---	0.720923	7.028149	6.814878	6.09E-11	1.00E-09	14.35844
LOC100287896	1554609_PM_at	-1.3	0.4	1.4E-05	208637_PM_x_at	ACTN1	0.720825	7.916505	5.978996	7.05E-09	7.38E-08	9.746088
AGTR1	205357_PM_s_at	-1.3	0.4	6.5E-03	225045_PM_at	CCDC88A	0.719835	6.716232	6.301722	1.19E-09	1.46E-08	11.47411
OLIG1	228170_PM_at	-1.3	0.4	7.0E-04	227143_PM_s_at	BID	0.719725	6.061576	7.580409	4.35E-13	1.33E-11	18.97265
BAX	208478_PM_s_at	-1.3	0.4	3.9E-03	212796_PM_s_at	TBC1D2B	0.719719	7.996958	8.748855	2.33E-16	1.11E-14	26.54367
FASTKD5	219016_PM_at	-1.3	0.4	1.4E-05	236243_PM_at	ZCCHC6	0.719637	5.895441	8.863675	5.36E-11	8.96E-10	14.48279
DGAT2	224327_PM_s_at	-1.3	0.4	1.9E-07	203753_PM_at	TCF4	0.71906	8.640902	5.601983	5.20E-08	4.42E-07	7.816228
FBXW9	223419_PM_at	-1.3	0.4	3.4E-06	205376_PM_at	INPP4B	0.718069	5.016379	7.576645	5.61E-13	1.39E-11	18.92667
RNF40	206845_PM_s_at	-1.3	0.4	2.7E-06	220615_PM_s_at	FAR2	0.718062	4.406106	8.094875	1.94E-14	4.88E-13	22.21261
DNAJC19	225358_PM_at	-1.3	0.4	1.4E-05	204689_PM_at	HHEX	0.717779	4.697912	6.8167	6.02E-11	9.93E-10	14.36897
SLC15A2	205316_PM_at	-1.3	0.4	3.9E-05	209892_PM_at	FUT4	0.716645	5.158042	7.649895	3.52E-13	9.15E-12	19.38278
DKK6	213190_PM_at	-1.3	0.4	5.0E-05	226215_PM_s_at	KDM2B	0.716259	6.966397	8.064382	2.38E-14	7.83E-13	22.01554
CLCN6	203950_PM_s_at	-1.3	0.4	1.6E-09	35150_PM_at	CD40	0.715868	5.872051	6.809345	6.29E-11	1.03E-09	14.32648
ANKRD43	230238_PM_at	-1.3	0.4	3.0E-03	210997_PM_at	HGF	0.715656	8.26737	8.003353	3.55E-14	1.13E-12	21.62249
ANK3	206385_PM_s_at	-1.3	0.4	4.4E-04	226804_PM_at	FAM20A	0.71565	5.408681	5.202473	3.88E-07	2.68E-06	5.880296
C1orf95	213925_PM_at	-1.3	0.4	3.5E-08	212811_PM_x_at	SLC1A4	0.715557	5.611557	6.077301	4.12E-09	4.56E-08	10.2619
RRAS2	208456_PM_s_at	-1.3	0.4	1.4E-03	210612_PM_s_at	SYNJ2	0.715387	5.465887	5.971602	7.34E-09	7.63E-08	9.707304
TACO1	211069_PM_s_at	-1.3	0.4	1.4E-10	235425_PM_at	SGOL2	0.714584	8.165668	6.348445	9.10E-10	1.15E-08	11.7299
MLF2	200948_PM_at	-1.3	0.4	2.6E-05	218380_PM_at	LOC728392 /// NLRP1	0.714472	6.897638	5.637279	4.33E-08	3.76E-07	7.992637
MOCS2	218212_PM_s_at	-1.3	0.4	6.6E-07	211160_PM_x_at	ACTN1	0.714089	7.580202	5.610366	4.98E-08	4.26E-07	7.857969
CYB5D1	226833_PM_at	-1.3	0.4	7.5E-07	203528_PM_at	SEMA4D	0.713944	8.0883	7.934053	5.60E-14	1.73E-12	21.17839
COTL1	221059_PM_s_at	-1.3	0.4	1.3E-03	203882_PM_at	IRF9	0.713586	9.606559	8.169289	1.19E-14	4.08E-12	22.69542
FXR2	203172_PM_at	-1.3	0.4	1.7E-06	205990_PM_at	PNOC	0.713428	4.099813	5.984158	6.86E-09	7.19E-08	9.773185
RDH10	226021_PM_at	-1.3	0.4	6.7E-04	227134_PM_at	SYTL1	0.712846	4.297869	7.160168	7.57E-12	1.50E-10	16.38851
TPD52	201688_PM_s_at	-1.3	0.4	2.5E-02	228173_PM_at	---	0.712732	6.479149	5.182338	4.28E-07	2.94E-06	5.785805
NFKB1L1	209973_PM_at	-1.3	0.4	3.4E-06	206398_PM_s_at	CD19	0.712549	4.003251	6.507044	2.55E-10	3.68E-09	12.96587
MCEE	226238_PM_at	-1.3	0.4	4.7E-04	213534_PM_s_at	PASK	0.712466	5.013634	6.354435	8.80E-10	1.12E-08	11.7628
C9orf41	228324_PM_at	-1.3	0.4	6.9E-07	232555_PM_at	CREB5	0.712395	5.316799	6.070473	4.28E-09	4.71E-08	10.22892
SOC57	226572_PM_at	-1.3	0.4	1.3E-06	212481_PM_s_at	TPM4	0.711397	7.722638	5.900509	1.08E-08	1.07E-07	9.336286
SAMD5	228653_PM_at	-1.3	0.4	4.9E-04	219332_PM_at	MICAL2	0.711274	5.507651	7.71981	2.25E-13	6.13E-12	19.82073
NUCB1	200646_PM_s_at	-1.3	0.4	1.5E-05	204633_PM_s_at	RPS6KA5	0.710951	5.988471	6.876933	4.21E-11	7.20E-10	14.71814
FMO2	211726_PM_s_at	-1.3	0.4	6.5E-03	211133_PM_x_at	LIURB3	0.710737	5.102294	7.184878	6.50E-12	1.30E-10	16.53642
CDRT15L2	240889_PM_at	-1.3	0.4	1.1E-07	224428_PM_s_at	CDCA7	0.710371	3.820197	7.504004	8.89E-13	2.11E-11	18.47717
NAPRT1	226707_PM_at	-1.3	0.4	3.3E-09	1562527_PM_at	LOC283027	0.710313	3.651527	2.655423	3.89E-08	3.44E-07	8.083712
UBXN6	220757_PM_s_at	-1.3	0.4	3.2E-06	222915_PM_s_at	BANK1	0.709997	5.280993	8.827403	1.59E-08	1.53E-07	8.958338
NUDT4 /// NUDT4P1	206302_PM_s_at	-1.3	0.4	1.3E-03	1553102_PM_s_at	CCDC69	0.7098	6.107298	5.778306	2.07E-08	1.93E-07	8.706567
CCDC51	218722_PM_s_at	-1.3	0.4	6.0E-07	213620_PM_s_at	ICAM2	0.709715	8.561353	7.09234	1.15E-11	2.18E-10	15.98428
DERA	218102_PM_at	-1.3	0.4	2.2E-07	239761_PM_at	GCNT1	0.709298	4.590212	8.207595	9.19E-15	3.25E-13	22.94499
ZNF323	222016_PM_s_at	-1.3	0.4	1.9E-05	201340_PM_s_at	ENC1	0.709296	4.692244	6.211159	1.97E-09	2.33E-08	10.98231
HNRNPUL2	222264_PM_at	-1.3	0.4	5.5E-08	213136_PM_at	PTPN2	0.708632	8.706302	10.179	8.01E-21	9.98E-19	36.23252
PARK2	207058_PM_s_at	-1.3	0.4	1.6E-07	212288_PM_at	FNBP1	0.708161	8.428785	9.225949	8.22E-18	5.11E-16	29.82046
ELAVL3	206338_PM_at	-1.3	0.4	2.9E-06	242496_PM_at	---	0.708056	4.23364	5.805919	1.78E-08	1.69E-07	8.847965
MTFMT	235689_PM_at	-1.3	0.4	2.4E-04	228828_PM_at	---	0.707966	3.737833	7.001385	1.99E-11	3.65E-10	15.44636
TCF21	204931_PM_at	-1.3	0.4	7.7E-03	242862_PM_x_at	---	0.7078	7.038278	5.054541	7.94E-07	5.13E-06	5.19308
PARD6A	205245_PM_at	-1.3	0.4	8.0E-05	209610_PM_s_at	SLC1A4	0.707082	5.793568	5.291441	2.50E-07	1.82E-06	6.301388
TYSDN1	225877_PM_at	-1.3	0.4	2.7E-08	224791_PM_at	ASAP1	0.706088	8.083841	7.422134	1.49E-12	3.39E-11	17.97396
C17orf61	227063_PM_at	-1.3	0.4	6.8E-04	204751_PM_at	PANX1	0.70544	6.242705	7.537387	7.20E-13	1.74E-11	18.6834
INO80B /// WBP1	223072_PM_s_at	-1.3	0.4	1.1E-06	226757_PM_at	IFIT2	0.705213	7.906228	7.434789	1.38E-12	3.16E-11	18.05151
GTTPB6	203314_PM_at	-1.3	0.4	2.7E-06	227188_PM_at	C21orf63	0.704594	5.918559	7.095434	1.12E-11	2.15E-10	16.00266
LIMCH1	212325_PM_at	-1.3	0.4	1.4E-03	217738_PM_at	NAMPT	0.704121	8.276644	6.724594	1.04E-10	1.62E-09	13.83923
DHPS	202802_PM_at	-1.3	0.4	1.1E-04	223767_PM_at	GPR84	0.703935	3.641514	7.437739	1.35E-12	3.11E-11	18.0696
XPR1	222581_PM_at	-1.3	0.4	7.5E-08	214119_PM_s_at	FKBP1A	0.703307	8.902347	5.229834	3.39E-07	2.38E-06	6.009175
LOC440993	229820_PM_at	-1.3	0.4	8.7E-04	213170_PM_at	GPX7	0.703131	6.610839	6.197309	2.13E-09	2.49E-08	10.90756
LOC100287098	240617_PM_at	-1.3	0.4	8.7E-06	211964_PM_at	COL4A2	0.70298	10.48521	8.120011	1.65E-14	5.54E-13	22.3754
SLCGA12	206058_PM_at	-1.3	0.4	4.1E-03	57715_PM_at	CALHM2	0.702878	5.692226	6.016446	5.75E-09	6.14E-08	9.943081
NPRL3	203289_PM_s_at	-1.3	0.4	7.5E-10	227379_PM_at	MBOAT1	0.702107	5.755252	6.064794	4.42E-09	4.84E-08	10.19879
FBXO22	225734_PM_at	-1.3	0.4	1.8E-05	209583_PM_s_at	CD200	0.701702	6.752638	5.550122	6.79E-08	5.63E-07	7.558374
RCBTB1	218352_PM_at	-1.3	0.4	1.1E-04	227015_PM_at	ASPHD2	0.701644	4.454966	6.374826	7.84E-10	1.01E-08	11.87495
MTSDC1	223177_PM_at	-1.3	0.4	1.6E-06	235292_PM_at	FU3Z255	0.701262	3.761979	7.669251	3.11E-13	8.21E-12	19.50377
CCDC71	219893_PM_at	-1.3	0.4	2.2E-05	222557_PM_at	STMN3	0.701256	7.638648	5.756414	5.62E-13	1.39E-11	18.92504
MINPP1	209585_PM_s_at	-1.3	0.4	2.6E-05	224826_PM_at	GPCPD1	0.701198	7.093411	7.58424	5.35E-13	1.33E-11	18.97384
DDT	202929_PM_s_at	-1.3	0.4	5.2E-05	209788_PM_s_at	ERAP1	0.700221	8.664281	7.214695	5.41E-12	1.10E-10	16.71536
LRP5	209468_PM_at	-1.3	0.4	7.7E-06	219594_PM_at	NIN2	0.699967	4.298094	5.56969	6.14E-08	5.15E-07	7.655408
NIT2	218557_PM_at	-1.3	0.4	8.6E-05	218618_PM_s_at	FNDCC3B	0.699835	8.411292	6.125726	3.16E-09	3.58E-08	10.52326
TFCF	206715_PM_at	-1.3	0.4	2.6E-02	232583_PM_at	---	0.699486	5.490738	6.250685	1.58E-09	1.91E-08	11.1963
SLC26A1	205058_PM_at	-1.3	0.4	3.1E-11	204823_PM_at	NAV3	0.698801	4.609812	5.485968	9.42E-08	7.53E-07	7.242157
C11orf93	228338_PM_at	-1.3	0.4	3.8E-05	203305_PM_at	F13A1	0.698799	9.349408	5.501773	8.70E-08	7.00E-07	13.919788
IQSEC3	213834_PM_at	-1.3	0.4	6.4E-10	208268_PM_at	ADAM28	0.698365	6.441473	5.614937	4.86E-08	4.17E-07	7.880808
ULK3	225067_PM_at	-1.3	0.4	1.5E-08	207540_PM_s_at	SYK	0.697568	6.589041	6.392294	7.10E-10	9.21E-09	11.97123
MGST2	20											

GNA11	204248_PM_at	-1.3	0.4	7.5E-06	207979_PM_s_at	CD8B	0.688754	4.526274	6.20396	2.05E-09	2.41E-08	10.94344
FAM70A	219895_PM_at	-1.3	0.4	1.2E-04	213006_PM_at	CEBPD	0.688719	4.364463	6.007301	6.05E-09	6.42E-08	9.894891
FOXO4	205451_PM_at	-1.3	0.4	2.9E-06	214055_PM_x_at	BAT2L2	0.688155	9.488087	7.579038	5.53E-13	1.37E-11	18.94153
MVK	204056_PM_s_at	-1.3	0.4	5.2E-06	204962_PM_s_at	CENPA	0.687717	3.723852	6.977302	2.30E-11	4.16E-10	15.30474
C12orf49	218867_PM_s_at	-1.3	0.4	2.9E-05	238462_PM_at	UBASH3B	0.68758	8.897365	7.309079	3.02E-12	6.53E-11	17.28507
AFTPH	217939_PM_s_at	-1.3	0.4	1.1E-07	217979_PM_at	TSPAN13	0.687561	9.028835	6.640658	1.70E-10	2.54E-09	13.36096
PET117	228543_PM_at	-1.3	0.4	4.0E-06	211085_PM_s_at	STK4	0.687371	4.895989	6.160377	2.61E-09	3.01E-08	10.70887
OSGEP11	220631_PM_at	-1.3	0.4	4.7E-06	202727_PM_s_at	IFNGR1	0.687167	9.298531	8.223834	8.25E-15	2.94E-13	23.051
LMF1	219135_PM_s_at	-1.3	0.4	2.3E-07	213375_PM_s_at	N4BP2L1	0.686459	7.238009	6.843931	5.12E-11	8.62E-10	14.52647
NUDT7	228855_PM_at	-1.3	0.4	7.9E-04	236685_PM_at	---	0.686272	6.295441	5.989653	6.66E-09	7.00E-08	9.802051
UGT2A3	219948_PM_x_at	-1.3	0.4	3.5E-02	225412_PM_at	TMEM87B	0.685921	4.753626	6.540144	3.04E-10	4.31E-09	12.79389
ARHGEP9	203263_PM_s_at	-1.3	0.4	4.3E-06	235352_PM_at	---	0.685748	6.991536	6.580577	2.41E-10	3.49E-09	13.02125
ARFRP1	203174_PM_s_at	-1.3	0.4	2.9E-07	208072_PM_s_at	DGKD	0.685659	6.753533	5.733043	2.62E-08	2.39E-07	8.475925
GSTO2	227163_PM_at	-1.3	0.4	2.9E-03	219576_PM_at	MAP7D3	0.685163	5.945941	5.58648	5.63E-08	4.76E-07	7.738877
TMEM9	222987_PM_s_at	-1.3	0.4	3.8E-05	243882_PM_at	---	0.685136	4.174239	6.257366	1.52E-09	1.84E-08	11.23257
SCAMP5	212699_PM_at	-1.3	0.4	3.2E-09	232940_PM_s_at	MLL3	0.684625	6.886508	5.966125	7.56E-09	7.82E-08	9.678596
C17orf106 /// CDK3	226396_PM_at	-1.3	0.4	1.6E-04	210873_PM_x_at	APOBEC3A	0.684613	4.067594	5.410486	1.38E-07	1.07E-06	6.873868
CYP39A1	220432_PM_s_at	-1.3	0.4	3.8E-04	243286_PM_at	---	0.684518	5.818925	5.432591	1.24E-07	9.62E-07	6.981301
MEGF8	214778_PM_at	-1.3	0.4	6.1E-06	222043_PM_at	CLU	0.684351	7.813812	7.275017	3.73E-12	7.90E-11	17.07889
ERGC1	223847_PM_s_at	-1.3	0.4	2.4E-05	211469_PM_s_at	CXCR6	0.684274	3.746492	8.725263	2.74E-16	1.28E-14	26.3841
LOC399904	213740_PM_s_at	-1.3	0.4	6.6E-06	205345_PM_at	BARD1	0.683484	6.656765	7.374072	2.01E-12	4.47E-11	17.68024
POLD2	201115_PM_at	-1.3	0.4	2.5E-05	206049_PM_at	SELP	0.683493	5.955143	4.968834	1.19E-06	7.40E-06	4.802426
MRPL38	225103_PM_at	-1.3	0.4	3.4E-08	200798_PM_x_at	MCL1	0.683276	8.276191	7.37759	1.97E-12	4.39E-11	17.7017
CLPTM1L	223020_PM_at	-1.3	0.4	7.4E-05	201315_PM_x_at	IFITM2	0.683236	11.9973	10.06698	1.84E-20	2.07E-18	35.80776
PLA2G16	209581_PM_at	-1.3	0.4	6.9E-05	227930_PM_at	EIF2C4	0.683215	7.168262	5.906081	1.05E-08	1.05E-07	9.365242
ERBB3	202454_PM_s_at	-1.3	0.4	1.4E-07	227370_PM_at	FAM1171B	0.683195	5.93615	5.006002	1.00E-06	6.31E-06	4.971159
GABARAPL1 /// GABARAPL3	211458_PM_s_at	-1.3	0.4	2.8E-04	207719_PM_x_at	CEP170	0.682978	8.035412	6.989875	2.13E-11	3.82E-10	15.37863
STUB1	217934_PM_x_at	-1.3	0.4	7.3E-08	210510_PM_s_at	NRP1	0.682779	7.016878	7.342419	2.45E-12	5.38E-11	17.48749
DACH1	205472_PM_at	-1.3	0.4	1.4E-03	239376_PM_at	---	0.68268	5.064407	6.707901	1.15E-10	1.77E-09	13.74377
MRPL34	221692_PM_s_at	-1.3	0.4	2.5E-05	226579_PM_at	---	0.682205	6.507636	6.775535	7.69E-11	1.23E-09	14.13158
CALM1	200653_PM_s_at	-1.3	0.4	4.0E-03	213830_PM_at	TRD@	0.682116	4.290052	7.115179	9.97E-12	1.92E-10	16.1201
ERCC2	213468_PM_at	-1.3	0.4	3.1E-07	204642_PM_at	S1PR1	0.681951	6.892184	6.054015	4.69E-09	5.10E-08	10.14165
C2CD4C	230819_PM_at	-1.3	0.4	5.2E-09	242945_PM_at	FAM20A	0.681904	4.906482	5.028866	8.98E-07	5.72E-06	5.075471
DBP	209782_PM_s_at	-1.3	0.4	1.1E-08	229860_PM_x_at	C4orf48	0.68186	8.657208	5.727176	2.71E-08	2.46E-07	8.446132
OBFC2B	218903_PM_s_at	-1.3	0.4	2.9E-05	219888_PM_at	SPAG4	0.681275	4.905638	5.341549	1.95E-07	1.45E-06	6.541101
TMEM38B	218772_PM_x_at	-1.3	0.4	9.7E-04	214366_PM_s_at	ALOX5	0.679406	3.859788	6.817511	5.99E-11	9.89E-10	14.37366
EIF4E2	209393_PM_s_at	-1.3	0.4	4.4E-05	208997_PM_s_at	UCP2	0.679081	4.449555	5.341948	1.95E-07	1.45E-06	6.543016
GALK2	205219_PM_s_at	-1.3	0.4	3.7E-05	1558397_PM_at	---	0.679068	6.720808	5.19368	4.05E-07	2.79E-06	5.838993
PTDS52	221005_PM_s_at	-1.3	0.4	1.5E-05	202970_PM_at	DYRK2	0.679012	5.602431	8.729725	2.66E-16	1.24E-14	26.14242
PAK4	203154_PM_s_at	-1.3	0.4	1.9E-06	1556323_PM_at	CELF2	0.678648	3.658691	8.076894	2.19E-14	7.23E-13	22.09635
FOLR1	204437_PM_s_at	-1.3	0.4	5.5E-04	219183_PM_s_at	CYTH4	0.678332	4.499815	7.696247	2.61E-13	7.04E-12	19.67284
C15orf61	229742_PM_at	-1.3	0.4	2.1E-04	219371_PM_s_at	KLF2	0.676796	8.875607	6.633508	1.77E-10	2.64E-09	13.32041
TBCD	201759_PM_at	-1.3	0.4	3.9E-08	240161_PM_s_at	CDC20B	0.676748	3.422363	5.271829	2.76E-07	1.98E-06	6.208062
PSMD3	201388_PM_at	-1.3	0.4	2.6E-05	221081_PM_s_at	DENN2DB	0.676454	8.297193	7.228533	4.97E-12	1.02E-10	16.79858
AMZ1	1561179_PM_s_at	-1.3	0.4	2.7E-07	227485_PM_at	DDX26B	0.675839	5.019643	5.966108	7.56E-09	7.82E-08	9.67851
MGST1	224918_PM_x_at	-1.3	0.4	1.5E-02	221331_PM_x_at	CTLA4	0.675441	3.661045	9.804912	1.26E-19	1.16E-17	33.91537
CHPT1	221675_PM_s_at	-1.3	0.4	2.5E-04	212746_PM_s_at	CEP170	0.675283	6.677942	5.472844	1.01E-07	7.99E-07	7.177828
UCKL1	218533_PM_s_at	-1.3	0.4	3.2E-07	1557071_PM_s_at	NUB1	0.675068	4.58968	6.678411	1.36E-10	2.07E-09	13.57555
ACAD9	224160_PM_s_at	-1.3	0.4	4.1E-10	215933_PM_s_at	HHEX	0.674605	4.717758	6.24554	1.62E-09	1.96E-08	11.16839
LOC100287081	228231_PM_at	-1.3	0.4	6.8E-08	230389_PM_at	FNBP1	0.674553	7.842639	6.599493	3.86E-08	3.37E-07	8.104176
PRKAG1	201805_PM_at	-1.3	0.4	6.1E-08	222848_PM_at	CENPK	0.674322	3.828236	7.608517	4.58E-13	1.15E-11	19.12478
IL17C	224079_PM_at	-1.3	0.4	2.8E-06	230787_PM_at	---	0.673952	4.175295	7.748271	1.87E-13	5.21E-12	19.99974
FAM109A	229690_PM_at	-1.3	0.4	8.0E-05	203568_PM_s_at	TRIM38	0.673819	8.840489	8.99575	4.17E-17	2.29E-15	28.22777
GOS2	213524_PM_s_at	-1.3	0.4	1.4E-03	218086_PM_at	NPDC1	0.672767	6.985102	6.500139	3.83E-10	5.29E-09	12.56995
ZNF512B	221869_PM_at	-1.3	0.4	7.6E-05	203799_PM_at	CD302	0.671712	8.639349	6.487701	4.12E-10	5.63E-09	12.50052
SC4MOL	209146_PM_at	-1.3	0.4	1.1E-05	91703_PM_at	EHBPL1	0.671313	4.569972	5.581504	5.78E-08	4.87E-07	7.714117
TMEM176A	218345_PM_at	-1.3	0.4	1.4E-03	231887_PM_s_at	KIAA1274	0.671085	5.282247	7.619986	4.26E-13	1.09E-11	19.19662
DDAH2	202262_PM_x_at	-1.3	0.4	5.9E-04	218986_PM_s_at	DDX60	0.670612	8.104027	6.694375	1.24E-10	1.90E-09	13.66655
CTSA	200661_PM_at	-1.3	0.4	4.9E-05	209785_PM_s_at	PLA2G4C	0.670536	7.422615	5.638703	4.30E-08	3.73E-07	7.999772
MAST3	213045_PM_at	-1.3	0.4	8.6E-06	228415_PM_at	AP1S2	0.670382	6.597989	6.88348	4.04E-11	6.73E-10	14.75628
AOC3	204894_PM_s_at	-1.3	0.4	1.6E-03	202411_PM_at	IFI27	0.670323	10.02918	5.968684	7.46E-09	7.73E-08	9.692009
MARPK12	206106_PM_at	-1.3	0.4	9.0E-07	202665_PM_s_at	WIPF1	0.669482	4.981257	6.711331	1.12E-10	1.74E-09	13.76337
GF1M	225153_PM_at	-1.3	0.4	7.9E-03	1555847_PM_a_at	LOC284454	0.669383	7.233031	5.295602	2.45E-07	1.78E-06	6.321225
SH3BGRL2	225354_PM_s_at	-1.3	0.4	5.8E-05	224281_PM_at	GLUL	0.669181	4.146168	6.848313	4.99E-11	8.42E-10	14.55196
DACT2	1569648_PM_at	-1.3	0.4	2.2E-06	220066_PM_at	NOD2	0.668979	3.703132	8.856044	1.10E-16	5.52E-15	27.27414
IL34	237046_PM_x_at	-1.3	0.4	1.2E-04	222774_PM_s_at	NETO2	0.668601	5.143436	8.058472	2.47E-14	8.09E-13	21.9774
RAB31P	223471_PM_at	-1.3	0.4	8.8E-03	206171_PM_at	ADORA3	0.668184	4.469237	5.551211	6.75E-08	5.60E-07	7.563768
PEX6	204545_PM_at	-1.3	0.4	1.4E-04	1556472_PM_s_at	SCML4	0.667882	4.723735	7.252519	4.29E-12	8.95E-11	16.94307
RTCO1	203594_PM_at	-1.3	0.4	2.1E-07	218400_PM_at	OAS3	0.667585	5.483873	5.196123	4.00E-07	2.76E-06	5.850463
UBE2M	203109_PM_at	-1.3	0.4	2.9E-03	203087_PM_s_at	KIF2A	0.666921	6.084897	6.51227	3.57E-10	4.97E-09	12.63775
GP6M6A	209469_PM_at	-1.3	0.4	3.0E-02	207565_PM_s_at	TNFRSF9	0.666725	3.6682	7.897723	7.10E-14	2.14E-12	20.94653
TMEM38A	222896_PM_at	-1.3	0.4	3.0E-02	239231_PM_at	---	0.666719	7.023988	6.436475	5.52E-10	7.34E-09	12.21562
TMCC3	226489_PM_at	-1.3	0.4	1.7E-05	207862_PM_at	TRNP1	0.666603	7.060409	5.265504	2.85E-07	2.04E-06	6.178023
KLF9	203541_PM_s_at	-1.3	0.4	4.2E-04	205379_PM_at	CBR3	0.665969	5.298829	5.970401	7.39E-09	7.67E-08	9.701007
PEX5	203244_PM_at	-1.3	0.4	1.3E-09	221044_PM_s_at	TRIM34 /// TRIM3-TRIM34	0.665195	6.725083	7.074338	1.28E-11	2.41E-10	15.87743
MPV17L	1559167_PM_x_at	-1.3	0.4	2.4E-04	238629_PM_x_at	---	0.665134	3.904368	7.277154	3.68E-12	7.81E-11	17.09181
CEMP1	222009_PM_at	-1.3	0.4	2.5E-09	202864_PM_s_at	SP100	0.66471	6.644131	7.15839	7.65E-12	1.51E-10	16.37788
FARS2	204282_PM_s_at	-1.3	0.4	1.5E-06	203278_PM_s_at	PHF21A	0.664626	7.393992	8.891161	8.67E-17	4.44E-15	27.51125
STARDB8	206868_PM_at	-1.3	0.4	1.5E-05	227780_PM_s_at	ECSCR	0.663944	5.583567	5.987013	6.75E-09	7.09E-08	9.78818
ACAD10	219986_PM_s_at	-1.3	0.4	1.7E-06	205885_PM_s_at	ITGA4	0.663837	3.518129	9.133808	1.58E-17	9.2	

ALKB7	223317_PM_at	-1.3	0.4	3.9E-06	222793_PM_at	DDX58	0.655749	6.204226	5.285058	2.59E-07	1.87E-06	6.270981
ASB8	218841_PM_at	-1.3	0.4	3.2E-07	235527_PM_at	DIGAP1 /// LOC284214	0.655026	3.975686	5.023678	9.21E-07	5.85E-06	5.051768
PEG10	212094_PM_at	-1.3	0.4	1.1E-02	226430_PM_at	RELL1	0.654481	8.660614	7.356964	2.24E-12	4.95E-11	17.576
GLNT11	219013_PM_at	-1.3	0.4	2.6E-04	226840_PM_at	H2AFY	0.654394	6.338374	5.53039	7.51E-08	6.15E-07	7.4608
LINC7	219399_PM_at	-1.3	0.4	1.1E-06	203813_PM_s_at	SUIT3	0.653747	7.383297	5.212912	3.69E-07	2.57E-06	5.929404
NIT1	202891_PM_at	-1.3	0.4	2.7E-08	201236_PM_s_at	BTG2	0.653063	8.438895	7.538103	7.17E-13	1.73E-11	18.68783
RSAD1	218307_PM_at	-1.3	0.4	8.1E-07	203726_PM_s_at	LAMA3	0.652922	4.848754	5.170219	4.54E-07	3.10E-06	5.729071
LGALS7 /// LGALS7B	206400_PM_at	-1.3	0.4	1.2E-04	226673_PM_at	SH2D3C	0.652756	5.897822	6.086491	3.92E-09	4.34E-08	10.31404
ARL2	202564_PM_x_at	-1.3	0.3	1.0E-05	1554008_PM_at	OSMR	0.652421	4.444268	8.057663	2.48E-14	8.13E-13	21.97218
HSPA12A	214434_PM_at	-1.3	0.3	1.3E-07	293799_PM_at	---	0.65191	5.204244	5.396757	1.48E-07	1.13E-06	6.807321
HOXA9	209905_PM_at	-1.3	0.3	1.7E-06	232286_PM_at	---	0.651425	4.283757	5.758944	2.29E-08	2.11E-07	8.60773
EPN1	221141_PM_x_at	-1.3	0.3	1.6E-06	210166_PM_at	TLRS	0.650937	6.024272	6.287909	1.28E-09	1.57E-08	11.39876
HKDC1	220585_PM_at	-1.3	0.3	3.4E-05	220731_PM_s_at	NECAP2	0.650896	8.912814	10.64866	2.36E-22	4.41E-20	40.08572
SLCSA1	206628_PM_at	-1.3	0.3	5.1E-03	214298_PM_x_at	---	0.650894	7.507303	6.945436	2.79E-11	1.497E-10	15.11786
TMEM101	225004_PM_at	-1.3	0.3	1.6E-07	232722_PM_at	RNASE2	0.650753	4.355608	7.06229	1.38E-11	2.59E-10	15.80603
GREB1	205862_PM_at	-1.3	0.3	8.7E-10	1294_PM_at	UBA7	0.650378	7.758784	7.425501	1.46E-12	3.33E-11	17.99459
BCHE	205433_PM_at	-1.3	0.3	3.9E-02	227259_PM_at	CD47	0.650206	6.185471	5.574817	5.98E-08	5.03E-07	7.680875
CLSTN3	204375_PM_at	-1.3	0.3	2.6E-05	204861_PM_s_at	NAIP	0.650188	6.322761	5.338798	1.98E-07	1.47E-06	6.527893
MYP0P	227937_PM_at	-1.3	0.3	6.4E-06	235756_PM_at	---	0.649755	5.035971	6.05217	4.73E-09	5.15E-08	10.13187
PEX16	221603_PM_at	-1.3	0.3	6.7E-05	212815_PM_at	ASCC3	0.649093	6.88017	7.095052	1.13E-11	2.15E-10	16.00039
KIF26A	232069_PM_at	-1.3	0.3	9.6E-04	227299_PM_at	IKBIP	0.64862	6.553956	5.618925	4.76E-08	4.09E-07	7.900746
HMG20B	209113_PM_s_at	-1.3	0.3	7.4E-05	1552613_PM_s_at	CDCA25E2	0.64859	5.996479	6.464487	4.70E-10	6.36E-09	12.37121
CADPS2	219572_PM_at	-1.3	0.3	1.4E-05	212672_PM_at	ATM	0.648341	7.842399	5.869938	1.27E-08	1.24E-07	9.177795
SS18L1	213140_PM_s_at	-1.3	0.3	3.0E-06	201502_PM_s_at	NFKBIA	0.648264	9.946132	8.955493	5.53E-17	2.97E-15	27.95144
SLC38A3	205972_PM_at	-1.3	0.3	1.8E-04	228641_PM_at	CARD8	0.648126	4.424654	7.569234	5.88E-13	1.45E-11	18.88069
FAM3A	209405_PM_s_at	-1.3	0.3	6.2E-06	236931_PM_at	---	0.647535	5.250759	5.126195	5.63E-07	3.76E-06	5.523914
FAM50B	205775_PM_at	-1.3	0.3	1.2E-06	215894_PM_at	PTGDR	0.647413	3.795685	6.570474	2.55E-10	3.68E-09	12.96435
GJA5	226701_PM_at	-1.3	0.3	3.1E-03	222753_PM_s_at	SPCS3	0.647284	8.401806	7.618861	4.29E-13	1.09E-11	19.1892
TUBB2B	214023_PM_x_at	-1.3	0.3	1.7E-02	222024_PM_s_at	AKAP13	0.646838	8.172209	6.302475	1.18E-09	1.46E-08	11.47822
ATP5B	201322_PM_at	-1.3	0.3	4.2E-07	219507_PM_at	RSRC1	0.646448	7.357946	5.73643	2.58E-08	2.35E-07	8.493136
FBN3	240117_PM_at	-1.3	0.3	1.7E-08	211012_PM_s_at	GOLGA6L4 /// PML	0.646194	5.488343	6.32708	1.03E-09	1.29E-08	11.61276
CYC1	201066_PM_at	-1.3	0.3	1.9E-05	229269_PM_x_at	SSBP4	0.645862	8.904538	7.930847	5.72E-14	1.76E-12	21.1579
PPP1R3E	227409_PM_at	-1.3	0.3	8.4E-06	209124_PM_at	MYD88	0.645768	9.234202	8.550306	9.10E-16	3.87E-14	25.20827
ZSWIM5	232336_PM_at	-1.3	0.3	2.2E-05	227539_PM_at	GNA13	0.645596	6.685259	6.922245	3.21E-11	5.64E-10	14.98223
TOMM34	201870_PM_at	-1.3	0.3	6.5E-07	209682_PM_at	CBLB	0.64543	7.123136	7.291931	3.36E-12	7.18E-11	17.1812
GPA1	201618_PM_x_at	-1.3	0.3	6.6E-06	226272_PM_at	RKAN3	0.644837	7.408403	5.287485	2.55E-07	1.85E-06	6.282538
ASNA1	202024_PM_at	-1.3	0.3	8.8E-04	242982_PM_x_at	ITGB8	0.644563	5.899694	5.092184	6.63E-07	4.36E-06	5.366402
F10	205620_PM_at	-1.3	0.3	3.5E-06	1560128_PM_x_at	C9orf56	0.644502	7.315347	5.003984	1.01E-06	6.36E-06	4.961968
BSG	208677_PM_s_at	-1.3	0.3	1.3E-04	232326_PM_x_at	SSBP4	0.644434	7.817897	7.801167	1.33E-13	3.79E-12	20.33354
C14orf79	213512_PM_at	-1.3	0.3	1.4E-05	224774_PM_s_at	NAV1	0.644392	4.716863	6.035899	5.17E-09	5.58E-08	10.04578
ARHGEF4	205109_PM_s_at	-1.3	0.3	1.4E-04	206545_PM_at	CD28	0.644255	3.612094	6.142286	2.88E-09	3.29E-08	10.61186
PGAP3	221811_PM_at	-1.3	0.3	6.4E-06	228238_PM_at	GAS5	0.643879	7.242734	6.656725	1.55E-10	2.34E-09	13.45217
NEU4	222957_PM_at	-1.3	0.3	1.5E-06	219049_PM_at	CSGALNACT1	0.643703	7.8535	6.510251	3.62E-10	5.02E-09	12.62646
DLG2	228973_PM_at	-1.3	0.3	2.3E-07	226568_PM_at	FAM102B	0.642698	7.36754	6.574252	2.50E-10	3.61E-09	12.98562
ZFAND2B	226168_PM_at	-1.3	0.3	4.9E-06	224574_PM_at	C17orf49	0.642608	8.007347	8.101273	1.86E-14	6.32E-13	22.25402
CS	205500_PM_at	-1.3	0.3	5.6E-03	228308_PM_at	FKBP11	0.64186	4.800962	6.496112	3.92E-10	5.39E-09	12.54746
SMCR7L	204593_PM_s_at	-1.3	0.3	3.0E-07	216563_PM_at	ANKRD12	0.641586	7.635393	5.211194	3.72E-07	2.58E-06	5.921315
HOXA4	206289_PM_at	-1.3	0.3	1.5E-05	212886_PM_at	CCDC69	0.641424	6.626222	5.271017	2.77E-07	1.99E-06	6.204206
ATP6AP1	207809_PM_s_at	-1.3	0.3	3.2E-06	212022_PM_s_at	MKI67	0.6413	7.755568	6.746433	9.13E-11	1.44E-09	13.96437
HSD17B11	217989_PM_at	-1.3	0.3	2.4E-05	225919_PM_s_at	C9orf72	0.641243	5.947836	5.767188	2.19E-08	2.03E-07	8.649782
PIGH	209625_PM_at	-1.3	0.3	9.0E-04	212188_PM_at	KCTD12	0.64092	9.742305	6.125694	3.16E-09	3.58E-08	10.52308
SNX30	226249_PM_at	-1.3	0.3	7.2E-04	202679_PM_at	NPC1	0.640908	7.885481	8.487945	1.39E-15	5.70E-14	24.79243
ZSCAN21	223424_PM_s_at	-1.3	0.3	6.2E-05	221755_PM_at	EHBP11	0.640857	4.658185	5.327331	2.10E-07	1.54E-06	6.472898
NEBL	203961_PM_at	-1.3	0.3	2.0E-07	207425_PM_s_at	---	0.640494	6.798584	7.112306	1.01E-11	1.95E-10	16.10299
SPEF2	232745_PM_x_at	-1.3	0.3	1.1E-04	234103_PM_at	KCNT2	0.640446	4.027733	5.485267	9.46E-08	7.55E-07	7.238719
IL17RD	227997_PM_at	-1.3	0.3	5.0E-07	230590_PM_at	---	0.640432	5.165028	6.29487	1.23E-09	1.52E-08	11.43671
CASC5	228233_PM_at	-1.3	0.3	5.4E-07	205395_PM_s_at	MRE11A	0.640369	6.206778	6.539668	3.05E-10	4.32E-09	12.79123
AIG1	223136_PM_at	-1.3	0.3	6.6E-05	234013_PM_at	TRD@	0.640244	3.510927	7.47412	1.07E-12	2.51E-11	18.29307
SCO1	223221_PM_at	-1.3	0.3	5.2E-03	230629_PM_s_at	EP400	0.639197	4.930362	5.505304	8.54E-08	6.89E-07	7.337158
THAP3	213192_PM_at	-1.3	0.3	9.5E-13	243109_PM_at	MCTP2	0.639052	4.953413	6.004383	6.14E-09	6.52E-08	9.879525
ZNF771	219781_PM_s_at	-1.3	0.3	9.9E-07	205418_PM_at	FES	0.638905	4.287278	7.530858	7.50E-13	1.81E-11	18.64302
TMEM151A	235614_PM_at	-1.3	0.3	2.6E-05	229899_PM_s_at	C20orf199	0.638697	5.004913	6.632274	1.78E-10	2.65E-09	13.31342
C17orf75	203830_PM_at	-1.3	0.3	2.2E-05	227145_PM_at	LOXL4	0.637921	5.729037	6.549562	2.88E-10	4.10E-09	12.84677
CACNB2	207776_PM_s_at	-1.3	0.3	4.3E-06	227002_PM_at	FAM78A	0.637899	4.88699	7.795945	1.37E-13	3.90E-12	20.30053
GYP4	211820_PM_x_at	-1.3	0.3	5.9E-08	202329_PM_at	CSK	0.637868	7.249872	6.106275	3.52E-09	3.94E-08	10.41941
SPOCK1	202363_PM_at	-1.3	0.3	2.0E-03	218746_PM_at	TAPBP1	0.635924	7.096813	6.934765	2.97E-11	5.27E-10	15.05541
TMEM88B	230160_PM_x_at	-1.3	0.3	6.4E-05	200697_PM_at	HK1	0.635827	8.972446	6.951957	2.68E-11	4.80E-10	15.15605
OSCP1	227359_PM_at	-1.3	0.3	8.7E-06	214339_PM_s_at	MAP4K1	0.635603	5.417504	6.76667	8.10E-11	1.29E-09	14.08059
DED1	202480_PM_s_at	-1.3	0.3	6.0E-06	203056_PM_s_at	PRDM2	0.635572	5.462566	5.291106	2.51E-07	1.82E-06	6.299791
G6orf72	225576_PM_at	-1.3	0.3	8.7E-04	202651_PM_at	LPGAT1	0.635537	8.170293	10.28316	3.69E-21	5.03E-19	37.38564
SPOP	204640_PM_s_at	-1.3	0.3	6.6E-03	208791_PM_at	CLU	0.635516	10.75746	6.615053	4.86E-08	4.17E-07	7.88139
NMNAT3	228090_PM_at	-1.3	0.3	3.9E-07	236787_PM_at	---	0.635512	3.806075	7.149584	8.08E-12	1.59E-10	16.32526
LOC113230	1558412_PM_at	-1.3	0.3	6.8E-04	221293_PM_s_at	DEF6	0.635495	4.184345	7.981802	4.09E-14	1.29E-12	21.48413
CTSH	202295_PM_s_at	-1.3	0.3	1.0E-04	1552315_PM_at	GIMAP1	0.635188	4.815619	6.654997	1.56E-10	2.36E-09	13.44235
APOA2	219465_PM_at	-1.3	0.3	3.5E-03	238365_PM_s_at	C1orf228	0.635188	3.688737	6.292933	1.25E-09	1.53E-08	11.42615
PRPF31	202407_PM_s_at	-1.3	0.3	5.7E-03	217625_PM_x_at	---	0.63518	5.8382	5.799051	1.85E-08	1.75E-07	8.812746
PRPF4	209161_PM_at	-1.3	0.3	1.4E-04	225615_PM_at	IFFO2	0.635153	7.635374	6.113794	3.37E-09	3.79E-08	10.45952
NELF	221214_PM_s_at	-1.3	0.3	4.9E-07	1552280_PM_at	TIMD4	0.634799	3.920311	6.26856	1.43E-09	1.74E-08	11.29341
ARMCS	227738_PM_s_at	-1.3	0.3	7.1E-05	242388_PM_x_at	TAGAP	0.634775	3.494398	6.95246	2.67E-11	4.79E-10	15.159
C1orf203	236623_PM_at	-1.3	0.3	5.1E-08	215062_PM_at	---	0.634671	4.606479	5.994665	6.48E-09	6.84E-08	9.828395
ENY2	218482_PM_at	-1.3	0.3	6.2E-06	204099_PM_at	SMARCD3	0.634602	6.400995	5.166101	4.64E-07	3.16E-06	5.709819

GOLGA7	1554167_PM_a_at	-1.3	0.3	1.7E-02	228577_PM_x_at	ODFZL	0.627645	4.48468	6.22458	1.83E-09	2.18E-08	11.05486
REXO2	218194_PM_at	-1.3	0.3	2.6E-03	210018_PM_x_at	MALTI	0.627394	6.479675	5.384975	1.57E-07	1.19E-06	6.750324
ACP6	218795_PM_at	-1.3	0.3	5.5E-04	203030_PM_s_at	PTPRN2	0.627062	6.178982	6.207142	2.01E-09	2.03E-08	10.96061
SPATA2L	214965_PM_at	-1.3	0.3	2.1E-04	220418_PM_at	UBASH3A	0.626389	4.009337	7.269101	3.87E-12	8.15E-11	17.04315
NARS2	219217_PM_at	-1.3	0.3	8.2E-04	235670_PM_at	STX11	0.62421	3.726557	7.628636	4.03E-13	1.04E-11	19.25011
POLR2C	208996_PM_s_at	-1.3	0.3	2.3E-08	210152_PM_at	LILRB4	0.624136	3.908964	6.930216	3.06E-11	5.40E-10	15.02881
FOXRE2D	220707_PM_s_at	-1.3	0.3	2.2E-11	220091_PM_at	SLC2A6	0.623915	5.216292	6.052927	4.71E-09	5.13E-08	10.13588
C6orf154	235935_PM_at	-1.3	0.3	6.5E-07	1557688_PM_at	---	0.623776	4.817845	7.495433	9.39E-13	2.22E-11	18.42432
IL17B1	219255_PM_x_at	-1.3	0.3	3.8E-02	225262_PM_at	FOSL2	0.623749	7.156289	4.998817	1.04E-06	6.51E-06	4.938459
TMEM116	227172_PM_at	-1.3	0.3	2.9E-04	219544_PM_at	C13orf34	0.622713	4.385802	7.286242	3.48E-12	7.41E-11	17.14677
C10orf67	1553843_PM_at	-1.3	0.3	3.4E-08	218280_PM_x_at	HIST2H2AA3 /// HIST2H2AA4	0.623549	7.537334	6.0539	4.69E-09	5.10E-08	10.14103
KIAA0664	212456_PM_at	-1.3	0.3	7.9E-07	235543_PM_at	---	0.623549	5.454399	6.615597	1.96E-10	2.90E-09	13.21899
C6orf124	210409_PM_at	-1.3	0.3	3.9E-04	237201_PM_at	---	0.62354	4.586706	8.476226	1.51E-15	6.12E-14	24.71449
KIAA1522	224746_PM_at	-1.3	0.3	3.4E-03	1559170_PM_at	---	0.623484	4.12126	5.805021	1.79E-08	1.70E-07	8.843359
CCL14-CCL15 /// CCL15	210390_PM_s_at	-1.3	0.3	3.1E-02	201417_PM_at	SOX4	0.623302	9.376222	5.100226	6.38E-07	4.21E-06	5.40357
PIGV	219238_PM_at	-1.3	0.3	8.1E-07	1556389_PM_at	CNPY3	0.622518	6.058893	6.018795	5.68E-09	6.07E-08	9.955471
CHMP6	218743_PM_at	-1.3	0.3	2.1E-05	219423_PM_x_at	TNFRSF25	0.622345	4.143884	6.379316	7.64E-10	9.85E-09	11.89968
KCTD6	238001_PM_at	-1.3	0.3	1.5E-03	205038_PM_at	IKZF1	0.622331	4.569941	7.874668	8.24E-14	2.46E-12	20.79974
DNM1	215116_PM_s_at	-1.3	0.3	2.7E-03	237119_PM_at	---	0.622223	4.733512	5.547455	6.88E-08	5.70E-07	7.545171
LIMS3 /// LIMS3-LOC440895 ///	229095_PM_s_at	-1.3	0.3	5.9E-03	204589_PM_at	NUAK1	0.62211	8.144817	5.858123	1.35E-08	1.32E-07	9.116712
KIF25	208128_PM_x_at	-1.3	0.3	1.2E-08	229491_PM_at	NHEDC2	0.621835	4.229621	7.091169	1.15E-11	2.20E-10	15.97732
CD109	226545_PM_at	-1.3	0.3	1.6E-03	227211_PM_at	PHF19	0.621729	4.269112	6.912335	3.40E-11	5.96E-10	14.92437
PFN2	204992_PM_s_at	-1.3	0.3	5.8E-06	204527_PM_at	MYOSA	0.62154	4.861081	6.226641	1.81E-09	2.16E-08	11.066
NANP	228073_PM_at	-1.3	0.3	1.3E-05	218662_PM_s_at	NCAPG	0.62094	3.93678	6.985532	2.19E-11	3.99E-10	15.35309
NISCH	227392_PM_at	-1.3	0.3	1.1E-06	217313_PM_at	---	0.620827	6.550118	6.333928	9.88E-10	1.24E-08	11.65028
KL4C	225596_PM_at	-1.3	0.3	8.1E-05	236620_PM_at	RIF1	0.620754	7.46223	5.484486	9.50E-08	7.58E-07	7.234888
HSPC159	219998_PM_at	-1.3	0.3	7.0E-04	217518_PM_at	MYOF	0.620658	4.792481	6.149117	2.78E-09	3.18E-08	10.64846
CDK20	205271_PM_s_at	-1.3	0.3	1.4E-06	232329_PM_at	UBE2T	0.62051	5.201122	5.929849	9.20E-09	9.32E-08	9.488989
DTWD2	231277_PM_x_at	-1.3	0.3	1.5E-06	225706_PM_at	GLCC1	0.620474	7.993448	6.535731	3.12E-10	4.42E-09	12.76914
9-Mar	226454_PM_at	-1.3	0.3	2.3E-07	212387_PM_at	TCF4	0.620203	8.609842	5.005626	1.00E-06	6.32E-06	4.969447
PDLIM2	219165_PM_at	-1.3	0.3	9.7E-10	219821_PM_s_at	GFOD1	0.620091	6.162217	6.758715	8.49E-11	1.35E-09	14.03488
PPPS5C	201979_PM_s_at	-1.3	0.3	1.0E-05	235286_PM_at	---	0.620083	4.277676	7.81248	1.23E-13	3.55E-12	20.40511
MAST4	210958_PM_s_at	-1.3	0.3	1.3E-05	227530_PM_at	AKAP12	0.619906	8.990917	5.564886	6.29E-08	5.26E-07	7.63156
MDH18	238721_PM_at	-1.3	0.3	1.1E-03	200788_PM_s_at	PEA15	0.619715	7.079628	8.922064	6.99E-17	3.67E-15	27.72429
FZD4	218665_PM_at	-1.3	0.3	7.0E-10	209884_PM_s_at	SLC4A7	0.619666	7.533923	5.240494	3.22E-07	2.27E-06	6.05954
HSPA1A /// HSPA1B	200800_PM_s_at	-1.3	0.3	5.1E-05	210202_PM_at	YWHAH	0.619009	8.8107	5.265574	2.85E-07	2.04E-06	6.178358
TNND1	208407_PM_s_at	-1.3	0.3	9.1E-06	1554352_PM_s_at	DENND4A	0.618805	6.294801	6.831897	5.50E-11	9.17E-10	14.45687
TCF15	207306_PM_at	-1.3	0.3	1.3E-05	210210_PM_at	MPZL2	0.618768	6.311772	6.087913	3.89E-09	4.32E-08	10.32161
C16orf11	1553826_PM_a_at	-1.3	0.3	2.8E-05	213194_PM_at	ROBO1	0.618629	7.297803	5.732666	2.63E-08	2.39E-07	8.474009
FAM100A	225874_PM_at	-1.3	0.3	1.2E-05	205656_PM_at	PCDH17	0.618198	5.737481	5.061366	7.69E-07	4.98E-06	5.224426
BEND7	227341_PM_at	-1.3	0.3	8.8E-04	1554287_PM_at	TRIM4	0.617258	6.046111	4.969846	1.19E-06	7.37E-06	4.807007
CIAO1	203536_PM_s_at	-1.3	0.3	4.2E-07	207111_PM_at	EMR1	0.617037	3.638886	7.491881	9.60E-13	2.26E-11	18.40243
MCOLN1	219952_PM_s_at	-1.3	0.3	3.8E-04	209324_PM_s_at	RG516	0.616589	4.777691	5.514413	8.15E-08	6.62E-07	7.382004
CL7orf97	229238_PM_at	-1.3	0.3	1.6E-03	204635_PM_at	RPS6KAS	0.616489	5.158095	6.042544	4.99E-09	5.40E-08	10.08044
LRP11	225060_PM_at	-1.3	0.3	2.3E-06	238423_PM_at	SYTL3	0.616354	5.202346	7.695322	2.63E-13	3.07E-12	19.66704
MTL5	219786_PM_at	-1.3	0.3	1.3E-06	230640_PM_at	---	0.616281	5.266348	6.117899	3.30E-09	3.72E-08	10.48144
BAG3	217911_PM_s_at	-1.3	0.3	4.8E-04	213008_PM_at	FANCI	0.615676	4.145366	7.101919	1.08E-11	2.07E-10	16.04121
LOC151534	238422_PM_at	-1.3	0.3	5.2E-04	219209_PM_at	IFIH1	0.615365	8.16231	6.279441	1.34E-09	1.64E-08	11.35262
TMEM90B	219310_PM_at	-1.3	0.3	2.8E-03	1555241_PM_at	C8orf59	0.615091	7.483274	5.196321	4.00E-07	2.76E-06	5.851392
PEMT	207621_PM_s_at	-1.3	0.3	1.6E-03	229202_PM_at	---	0.614865	6.729652	6.436811	5.51E-10	7.34E-09	12.21748
HDXD10	207373_PM_at	-1.3	0.3	9.3E-03	203650_PM_at	PROCR	0.613664	6.275353	5.795532	1.89E-08	1.78E-07	8.794713
SPATA21	1570241_PM_at	-1.3	0.3	1.2E-08	202947_PM_s_at	GYPC	0.613378	8.286229	6.223906	1.83E-09	2.18E-08	11.05121
PRSS35	235874_PM_at	-1.3	0.3	5.0E-03	214058_PM_at	MYCL1	0.613023	4.368244	6.939097	2.90E-11	5.14E-10	15.08076
PNLIPRP1	206694_PM_at	-1.3	0.3	3.1E-07	217078_PM_s_at	CD300A	0.61298	3.866486	6.37346	7.90E-10	1.01E-08	11.86743
BDH1	211715_PM_s_at	-1.3	0.3	5.7E-06	210776_PM_x_at	TCF3	0.612687	6.779508	7.100666	1.09E-11	2.08E-10	16.03376
DHDD5	218547_PM_at	-1.3	0.3	4.8E-09	228620_PM_at	---	0.612665	4.759997	5.442953	1.17E-07	9.15E-07	7.03178
CLDN10	205328_PM_at	-1.3	0.3	3.1E-03	237194_PM_at	---	0.612552	4.790862	5.525665	7.70E-08	6.28E-07	7.437474
METTL9	217868_PM_s_at	-1.3	0.3	6.2E-07	236741_PM_at	NFE2L3	0.612271	3.913687	7.155456	7.79E-12	1.54E-10	16.36308
C1orf170	224501_PM_at	-1.3	0.3	9.9E-06	209683_PM_at	FAM49A	0.612094	4.058997	5.817269	1.68E-08	1.60E-07	8.906234
CRISP2	210262_PM_at	-1.3	0.3	5.4E-06	202730_PM_s_at	CBFB	0.611276	8.833586	9.107759	1.90E-17	1.10E-15	29.00009
NDUFAF1	204125_PM_at	-1.3	0.3	4.8E-08	228693_PM_at	CCDC50	0.611217	6.224098	5.671481	3.62E-08	3.19E-07	8.164509
HDDC2	203259_PM_s_at	-1.3	0.3	4.3E-05	1560397_PM_s_at	KLHL6	0.61056	4.714152	7.51657	8.21E-13	1.96E-11	18.55473
LYRM1	203897_PM_at	-1.3	0.3	8.7E-08	205583_PM_s_at	ALG13	0.610169	7.799445	6.289503	1.27E-09	1.56E-08	11.40744
ROR2	236030_PM_at	-1.3	0.3	1.6E-05	211948_PM_x_at	BAT2L2	0.609696	9.532351	6.41892	6.10E-05	8.02E-09	12.11837
ENTROB	228633_PM_s_at	-1.3	0.3	4.8E-07	210087_PM_s_at	MPZL1	0.609313	5.744513	6.367428	8.18E-10	1.05E-08	11.83423
KLHL21	203068_PM_at	-1.3	0.3	1.4E-05	202804_PM_at	ABCC1	0.609097	7.782199	6.73402	9.82E-11	1.54E-09	13.89321
CSRP2BP /// PET117	228544_PM_s_at	-1.3	0.3	2.1E-05	208892_PM_s_at	DUSP6	0.609087	9.513317	7.901567	6.92E-14	2.09E-12	20.97103
DSP	200606_PM_at	-1.3	0.3	1.3E-02	236796_PM_at	BACH2	0.609053	4.022108	5.723206	2.76E-08	2.50E-07	8.425989
UQCRC2	200883_PM_at	-1.3	0.3	1.6E-03	239409_PM_at	---	0.608821	6.806406	4.967214	1.20E-06	7.45E-06	4.795096
NAP1L2	219368_PM_at	-1.3	0.3	6.5E-04	235230_PM_at	PLCXD2	0.608522	4.179987	7.141816	8.47E-12	1.66E-10	16.27888
NKX2-5	206578_PM_at	-1.3	0.3	4.1E-06	229635_PM_at	---	0.608254	3.798244	6.177428	2.37E-09	2.76E-08	10.80049
ZER1	202452_PM_at	-1.3	0.3	1.1E-08	205926_PM_at	IL27RA	0.607747	4.443005	6.817353	4.35E-11	7.42E-10	14.6857
RNF14	201823_PM_s_at	-1.3	0.3	1.2E-02	203362_PM_s_at	MAD2L1	0.607732	4.895544	5.237899	3.26E-07	2.30E-06	6.047271
SYT17	205613_PM_at	-1.3	0.3	3.0E-03	1562755_PM_at	---	0.607646	3.949934	5.356147	1.81E-07	1.36E-06	6.611282
SCD	200831_PM_s_at	-1.3	0.3	3.6E-03	212810_PM_s_at	SLC1A4	0.607282	4.747487	6.268175	1.43E-09	1.74E-08	11.29131
C1orf57	223272_PM_s_at	-1.3	0.3	5.8E-07	208981_PM_at	PECAM1	0.607031	9.147864	6.337985	9.66E-10	1.22E-08	11.67252
AKAP11	201674_PM_s_at	-1.3	0.3	1.4E-04	212875_PM_s_at	C2CD2	0.606764	8.007568	9.613781	5.08E-19	4.08E-17	32.55002
C10orf75	232320_PM_at	-1.3	0.3	1.8E-05	201700_PM_at	CCND3	0.606663	8.173791	7.138913	8.62E-12	1.69E-10	16.26155
RPP14	204245_PM_s_at	-1.3	0.3	7.9E-09	223751_PM_x_at	TLR10	0.60635	4.319773	7.000891	2.00E-11	3.66E-10	15.44345
FLJ39582	239015_PM_at	-1.3	0.3	1.6E-06	205884_PM_at	ITGA4	0.606188	3.602331	6.800382	6.63E-11	1.08E-09	14.27475

PRKAB1	201834_PM_at	-1.3	0.3	1.3E-02	232081_PM_at	---	0.601451	5.063918	5.024558	9.17E-07	5.83E-06	5.055789
FUCA2	223120_PM_at	-1.3	0.3	5.2E-05	203214_PM_x_at	CDK1	0.601239	4.006391	5.134216	5.41E-07	3.64E-06	5.561185
CLCN7	209235_PM_at	-1.3	0.3	1.1E-06	237018_PM_at	---	0.601041	4.984715	5.357791	1.80E-07	1.35E-06	6.619195
RNF146	221430_PM_s_at	-1.3	0.3	2.9E-03	228438_PM_at	LOC100132891	0.600223	4.757684	5.007829	9.93E-07	6.26E-06	4.297948
GADD45A	203725_PM_at	-1.3	0.3	3.9E-04	211003_PM_x_at	TGM2	0.599875	4.460653	6.57286	2.52E-10	3.64E-09	12.97778
CDKN2AIPNL	235006_PM_at	-1.3	0.3	3.7E-05	203742_PM_s_at	TDG	0.599407	6.518543	5.899222	1.08E-08	1.08E-07	9.329602
LOC92249	212957_PM_s_at	-1.3	0.3	6.2E-05	209417_PM_s_at	IFI35	0.599164	7.637107	6.040255	5.04E-09	5.46E-08	10.07024
SDHA /// SDHAP1 /// SDHAP2	222021_PM_x_at	-1.3	0.3	3.9E-07	227868_PM_at	LOC154761	0.599116	5.163168	5.919339	9.73E-09	9.81E-08	9.434225
KIF3B	203943_PM_at	-1.3	0.3	1.9E-05	218376_PM_s_at	MICAL1	0.599025	7.163749	5.81136	1.73E-08	1.65E-07	8.875888
ZNF696	220967_PM_s_at	-1.3	0.3	3.2E-07	238156_PM_at	---	0.598902	6.193876	5.505441	8.53E-08	6.89E-07	7.337831
C2orf24	200070_PM_at	-1.3	0.3	1.7E-05	210126_PM_at	EIF5B	0.597993	6.906596	5.006574	9.99E-07	6.30E-06	4.973761
B4GALT2	209413_PM_at	-1.3	0.3	1.3E-04	226017_PM_at	CMTM7	0.59782	8.792339	7.502866	8.96E-13	2.12E-11	18.47016
PIGQ	204144_PM_s_at	-1.3	0.3	2.2E-05	213971_PM_s_at	SUZ12 /// SUZ12P	0.597326	6.979999	5.964752	7.62E-09	7.87E-08	9.671404
PRSS1 /// TRY6	215395_PM_x_at	-1.3	0.3	6.0E-06	241692_PM_at	---	0.5968	4.455699	6.058747	4.57E-09	4.99E-08	10.16672
RRP9	204133_PM_at	-1.3	0.3	1.7E-06	242665_PM_at	FMNL2	0.595508	4.873409	5.47685	9.87E-08	7.84E-07	7.197545
TUFM	201113_PM_at	-1.3	0.3	4.6E-07	227221_PM_at	ZMAT3	0.595454	5.920488	5.859891	1.34E-08	1.30E-07	9.125848
C19orf24	221587_PM_s_at	-1.3	0.3	5.5E-05	243527_PM_at	---	0.595396	7.007095	5.050331	8.11E-07	5.22E-06	5.17376
ZBED3	228402_PM_at	-1.3	0.3	4.0E-04	236558_PM_at	---	0.595352	3.951968	6.069173	4.31E-09	4.74E-08	10.22202
ABCB1 /// ABCB4	209994_PM_s_at	-1.3	0.3	1.1E-02	206115_PM_at	EGR3	0.595341	3.717415	6.188033	2.24E-09	2.61E-08	10.85757
COO9	212228_PM_s_at	-1.3	0.3	9.7E-06	226822_PM_at	STOX2	0.595233	6.291691	5.17103	4.53E-07	3.09E-06	5.732865
SHARPN	220973_PM_s_at	-1.3	0.3	1.2E-04	225372_PM_at	C10orf54	0.595185	4.909332	6.359347	8.56E-10	1.09E-08	11.78979
MAGOH	210092_PM_at	-1.3	0.3	8.9E-04	227212_PM_s_at	PHF19	0.594657	4.009198	7.395274	1.76E-12	3.97E-11	17.80966
B9D1	205662_PM_at	-1.3	0.3	3.0E-04	244075_PM_at	---	0.594157	6.892998	5.172117	4.50E-07	3.07E-06	5.737952
HMOX1	203665_PM_at	-1.3	0.3	1.8E-02	205126_PM_at	VRK2	0.593508	8.15475	8.947195	5.86E-17	3.13E-15	27.89457
PEX26	219180_PM_s_at	-1.3	0.3	1.4E-04	1560396_PM_at	KLHL6	0.593437	3.572277	6.336777	9.72E-10	1.22E-08	11.66589
WBP2	209117_PM_at	-1.3	0.3	5.1E-04	227493_PM_s_at	KIAA1143	0.59339	7.101033	6.716934	1.09E-10	1.68E-09	13.79541
SUCLG2	212459_PM_x_at	-1.3	0.3	3.5E-06	204834_PM_at	FGL2	0.593234	3.326742	6.258584	1.51E-09	1.83E-08	11.23991
ABHD12	224742_PM_at	-1.3	0.3	5.3E-04	238587_PM_at	UBASH3B	0.593134	3.849074	7.244119	4.51E-12	9.36E-11	16.89244
LOC150381	238058_PM_at	-1.3	0.3	5.8E-04	226858_PM_at	CASNK1E	0.591843	5.100961	7.042958	1.55E-11	2.89E-10	15.69164
PRRG2	205617_PM_at	-1.3	0.3	8.7E-05	238909_PM_at	---	0.591756	5.079368	5.493279	9.80E-08	7.28E-07	7.278047
CYP4F11	206153_PM_at	-1.3	0.3	1.2E-03	219498_PM_s_at	BCL11A	0.591725	4.239752	5.804248	1.08E-08	1.70E-07	8.839395
LOC100289208 /// PHLDA1	217998_PM_at	-1.2	0.3	6.9E-06	208808_PM_s_at	HMG2B	0.59163	9.296472	7.559429	6.26E-13	1.53E-11	18.81989
FAM19A5	229459_PM_at	-1.2	0.3	1.8E-05	216908_PM_x_at	RRN3P1	0.591573	5.820094	5.488517	9.30E-08	7.44E-07	7.254666
CSMD1	231223_PM_at	-1.2	0.3	1.1E-03	204808_PM_at	PBX3	0.591386	7.384497	7.09316	1.14E-11	2.17E-10	15.98915
FJ35390	1558123_PM_at	-1.2	0.3	1.5E-05	237330_PM_at	---	0.591114	4.912348	6.66025	3.84E-08	3.37E-07	8.107979
PLD6	227037_PM_at	-1.2	0.3	1.6E-06	214052_PM_x_at	BAT2L2	0.590832	5.13078	6.183146	2.30E-09	2.68E-08	10.83126
TMEM177	218897_PM_at	-1.2	0.3	7.3E-08	203236_PM_s_at	LGALS9	0.590431	4.869795	6.646634	1.64E-10	2.46E-09	13.39486
MT3	205970_PM_at	-1.2	0.3	3.0E-04	242560_PM_at	FANCD2	0.590312	4.238162	6.233283	1.74E-09	2.09E-08	11.10196
MRGPRF	227277_PM_at	-1.2	0.3	5.3E-04	242390_PM_at	---	0.589789	4.537084	5.959341	7.84E-09	8.09E-08	9.64307
NONO	208698_PM_s_at	-1.2	0.3	4.1E-03	214068_PM_at	---	0.589724	3.756942	7.073123	1.29E-11	2.43E-10	15.87023
PTPRB	205846_PM_at	-1.2	0.3	8.7E-04	214808_PM_at	---	0.58944	7.213127	5.115319	5.93E-07	3.94E-06	5.473452
SLCSA3	212944_PM_at	-1.2	0.3	1.0E-02	244826_PM_at	---	0.5889	6.522315	4.968208	1.20E-06	7.42E-06	4.799594
SEPS5C5	227982_PM_at	-1.2	0.3	9.3E-05	210223_PM_s_at	MR1	0.588561	5.803345	5.211116	3.72E-07	2.59E-06	5.920946
BEX2	224367_PM_at	-1.2	0.3	5.3E-04	214499_PM_s_at	BCLAF1	0.58855	6.768606	5.192192	4.08E-07	2.81E-06	5.832007
RNF185	224750_PM_at	-1.2	0.3	1.6E-06	219056_PM_at	RNA5E2B	0.588497	5.832571	7.185416	6.48E-12	1.30E-10	16.53964
ATOH7	1552878_PM_at	-1.2	0.3	7.6E-10	215151_PM_at	DOCK10	0.588236	3.958004	7.300721	3.18E-12	6.84E-11	17.23442
FAM83F	235269_PM_at	-1.2	0.3	3.5E-05	218803_PM_at	CHFR	0.587443	7.230747	7.345977	2.40E-12	5.27E-11	17.50913
GHTM	209248_PM_at	-1.2	0.3	9.7E-07	203409_PM_at	DBD2	0.587409	5.678851	6.788267	7.13E-11	1.15E-09	14.2049
ATP6V1G2	214762_PM_at	-1.2	0.3	5.8E-06	228737_PM_at	TOX2	0.586413	3.998303	6.949824	2.72E-11	4.85E-10	15.14355
RABL5	218785_PM_s_at	-1.2	0.3	1.7E-06	225265_PM_at	RBMS1	0.586354	7.624179	6.224507	1.83E-09	2.18E-08	11.05446
DENND2A	221885_PM_at	-1.2	0.3	6.6E-03	243745_PM_at	---	0.586226	4.703329	5.400492	1.45E-07	1.11E-06	6.825413
C2orf72	213143_PM_at	-1.2	0.3	1.2E-09	219620_PM_x_at	C9orf167	0.585848	5.752324	6.722062	1.05E-10	1.64E-09	13.82474
COXA5	203663_PM_s_at	-1.2	0.3	8.8E-06	208178_PM_x_at	TRIO	0.585604	5.342776	5.038057	8.59E-07	5.50E-06	5.117517
ADAMTS11	229585_PM_at	-1.2	0.3	6.9E-07	222877_PM_at	---	0.585011	4.034188	5.821141	1.64E-08	1.57E-07	8.927523
AKT1S1	224982_PM_at	-1.2	0.3	5.1E-06	221218_PM_s_at	TPK1	0.584723	6.318105	5.741315	2.51E-08	2.30E-07	8.51797
ZFYVE20	226581_PM_at	-1.2	0.3	7.6E-06	212733_PM_at	KIAA0226	0.584609	7.673853	8.421367	2.19E-15	8.66E-14	24.35042
ADCY6	209195_PM_s_at	-1.2	0.3	6.6E-04	218603_PM_at	HECA	0.584512	8.204894	7.597378	5.50E-13	1.36E-11	18.94588
WNK3	232282_PM_at	-1.2	0.3	1.3E-04	222802_PM_at	EDN1	0.584149	6.582094	5.233048	3.34E-07	2.35E-06	6.024352
CTAGE4 /// CTAGE9	215549_PM_x_at	-1.2	0.3	3.5E-03	214329_PM_x_at	TNFSF10	0.58413	10.08068	5.930522	9.16E-09	9.29E-08	9.492503
ARRDC3	224797_PM_at	-1.2	0.3	1.5E-04	235213_PM_at	ITPKB	0.583934	4.371593	5.440411	1.19E-07	9.26E-07	7.019389
LOC134466	244289_PM_at	-1.2	0.3	9.7E-03	228266_PM_s_at	HDFGRP3	0.583404	6.49041	5.036561	8.66E-07	5.53E-06	5.110669
RAP1GAP	203911_PM_at	-1.2	0.3	7.3E-04	216248_PM_s_at	NRA42	0.583191	3.791168	7.35616	2.25E-12	4.98E-11	17.5711
C1orf175	214147_PM_at	-1.2	0.3	5.4E-08	208373_PM_s_at	P2RY6	0.582951	5.129593	7.740131	1.97E-13	5.46E-12	19.9485
KIAA1656	1569365_PM_a_at	-1.2	0.3	5.7E-07	226349_PM_at	C12orf45	0.582822	6.761596	6.887757	3.94E-11	6.81E-10	14.78111
C8orf46	229430_PM_at	-1.2	0.3	6.4E-05	211269_PM_s_at	IL2RA	0.582509	3.699276	7.799133	1.35E-13	3.83E-12	20.32068
ATXN2L	201806_PM_s_at	-1.2	0.3	4.2E-05	234970_PM_at	TC2N	0.582238	4.98086	5.351942	1.85E-07	1.39E-06	6.591047
Cxorf56	219805_PM_at	-1.2	0.3	8.2E-07	227747_PM_at	MPZL3	0.582222	5.827269	6.037755	5.12E-09	5.54E-08	10.05559
CHAC1	219270_PM_at	-1.2	0.3	6.0E-05	206380_PM_s_at	CFP	0.58184	3.82362	6.877916	4.18E-11	7.17E-10	14.72386
MPP5	219321_PM_at	-1.2	0.3	3.0E-06	203610_PM_s_at	TRIM38	0.58171	7.462916	5.864068	1.31E-08	1.28E-07	9.147438
SMEK2	222270_PM_at	-1.2	0.3	4.9E-09	234489_PM_at	---	0.581018	3.988862	6.02779	5.41E-09	5.82E-08	10.00294
TMEM33	218465_PM_at	-1.2	0.3	1.4E-04	222449_PM_at	PMPEA1	0.580708	7.29945	5.052377	8.03E-07	5.18E-06	5.183146
HRASL55	231050_PM_at	-1.2	0.3	3.0E-06	208146_PM_s_at	CPVL	0.580641	9.871966	6.504545	5.13E-08	4.37E-07	7.828909
SCOC	223341_PM_s_at	-1.2	0.3	3.1E-02	242094_PM_at	---	0.579983	4.735788	6.903996	3.58E-11	6.23E-10	14.87572
ZNF541	232604_PM_at	-1.2	0.3	7.6E-04	220658_PM_s_at	ARNTL2	0.579751	3.646245	8.733898	2.58E-16	1.21E-14	26.44247
LOC100128977	237331_PM_s_at	-1.2	0.3	5.6E-10	204162_PM_at	NDC80	0.579428	4.433324	6.40537	1.97E-10	8.61E-09	12.04343
HS6ST3	229714_PM_at	-1.2	0.3	8.4E-10	201621_PM_at	NBL1	0.579266	8.300086	5.531771	7.46E-08	6.12E-07	7.467624
MTX1	210386_PM_s_at	-1.2	0.3	1.7E-05	220933_PM_s_at	ZCCHC6	0.579135	7.766232	8.645709	4.74E-16	2.11E-14	25.84778
PLBD2	228845_PM_at	-1.2	0.3	1.4E-04	244023_PM_at	SYK	0.579119	4.892325	5.227953	3.43E-07	2.40E-06	5.998599
ADAMTS16	238125_PM_at	-1.2	0.3	4.5E-04	203580_PM_s_at	SLC7A6	0.579093	7.304036	5.483899	9.52E-08	7.59E-07	7.23201
ANKH	220076_PM_at	-1.2	0.3	2.6E-06	218308_PM_at	TACC3	0.579055	4.744393	7.291019	3.38E-12	7.22E-11	17.17567
PDDC1												

PTOV1	212032_PM_s_at	-1.2	0.3	3.4E-04	230314_PM_at	---	0.573369	5.259182	7.628873	4.02E-13	1.04E-11	19.25159
NR3C2	205259_PM_at	-1.2	0.3	5.1E-04	219257_PM_s_at	SPHK1	0.573076	4.115467	7.547597	6.75E-13	1.64E-11	18.74659
PPT2	209490_PM_s_at	-1.2	0.3	1.1E-05	232538_PM_at	---	0.572799	4.594922	5.48562	9.44E-08	7.420449	
PKD2	203688_PM_at	-1.2	0.3	6.6E-06	222681_PM_at	KTELC1	0.572439	7.001908	6.996005	2.06E-11	3.76E-10	15.41469
DLL4	223525_PM_at	-1.2	0.3	4.5E-05	202860_PM_at	DENNND4B	0.572236	3.886815	6.926463	3.13E-11	5.52E-10	15.00687
AMPH	205257_PM_s_at	-1.2	0.3	5.1E-03	226748_PM_at	LYSMD2	0.572096	8.757567	9.214741	8.90E-18	5.52E-16	29.74243
RDH11	217775_PM_s_at	-1.2	0.3	3.3E-05	208579_PM_x_at	H2BFS	0.571586	6.792619	5.065904	7.55E-07	4.90E-06	5.241562
CKB	200884_PM_at	-1.2	0.3	7.5E-03	201925_PM_s_at	CD55	0.571301	7.450733	5.519665	7.94E-08	6.46E-07	7.407886
RPUSD1	226078_PM_at	-1.2	0.3	8.4E-05	1554539_PM_a_at	RHOE	0.571097	4.55933	6.259644	1.50E-09	1.82E-08	11.24495
PARS2	227348_PM_at	-1.2	0.3	1.7E-04	205467_PM_at	CASP10	0.570398	5.781453	7.297422	3.24E-12	6.96E-11	17.21444
ADRA2B	208544_PM_at	-1.2	0.3	1.4E-06	201613_PM_s_at	AP1G2	0.569756	6.645261	5.837416	1.51E-08	1.46E-07	9.009887
FBXW5	223050_PM_s_at	-1.2	0.3	2.0E-04	214686_PM_at	ZNF266	0.569583	7.625844	6.513481	3.55E-10	4.94E-09	12.64453
TMEM150C	229623_PM_at	-1.2	0.3	2.7E-04	203044_PM_at	CHSY1	0.569446	8.141649	8.37231	3.04E-15	1.18E-13	24.02602
SLC6A8	202219_PM_at	-1.2	0.3	5.0E-03	225364_PM_at	STK4	0.56937	8.62743	7.572157	5.77E-13	1.42E-11	18.89882
C6orf211	218195_PM_at	-1.2	0.3	1.4E-04	230966_PM_at	IL4I1	0.569262	4.308207	6.830527	5.55E-11	9.23E-10	14.44894
TRAK1	201283_PM_s_at	-1.2	0.3	9.4E-04	226068_PM_at	SVK	0.568813	7.466946	5.405429	1.42E-07	1.09E-06	6.849343
LOC100287166	233997_PM_at	-1.2	0.3	2.1E-07	206538_PM_at	MRAS	0.568513	6.703934	5.293115	2.48E-07	1.80E-06	6.309363
DNAJC25	226859_PM_at	-1.2	0.3	1.3E-06	236259_PM_at	STK4	0.56851	6.231768	6.108302	3.48E-09	3.90E-08	10.43022
PRKCE	206248_PM_at	-1.2	0.3	1.3E-11	213102_PM_at	ACTR3	0.56847	10.06081	10.9562	2.27E-23	5.81E-21	42.38697
C6orf123	207698_PM_at	-1.2	0.3	8.0E-06	226828_PM_s_at	HEYL	0.568341	5.49648	6.56972	3.85E-08	3.37E-07	8.105314
TGM6	233983_PM_at	-1.2	0.3	3.2E-08	209864_PM_at	FRA2T	0.568194	6.659418	6.757558	8.55E-11	1.36E-09	14.02824
GNB3	206047_PM_at	-1.2	0.3	9.0E-06	1556643_PM_at	FAM125A	0.568112	4.53825	7.0312	1.66E-11	3.09E-10	15.62217
FAM134A	218037_PM_at	-1.2	0.3	1.3E-06	209308_PM_at	BNIP2	0.568075	7.529093	7.491004	9.65E-13	2.27E-11	18.39703
LOC100289169 /// LOC729602	215920_PM_s_at	-1.2	0.3	1.6E-07	206359_PM_at	SOCS3	0.568037	4.589456	6.063388	4.45E-09	4.88E-08	10.19133
PHKG2	203709_PM_at	-1.2	0.3	9.7E-06	219045_PM_at	RHOE	0.567913	6.129928	5.821688	1.64E-08	1.57E-07	8.928948
NUDT12	223535_PM_at	-1.2	0.3	2.0E-05	207574_PM_s_at	GADD45B	0.567846	9.155814	5.985409	6.81E-09	7.14E-08	9.779754
COQ3	212127_PM_x_at	-1.2	0.3	1.2E-04	1560754_PM_at	CMTM7	0.567447	4.74349	7.041184	1.56E-11	2.91E-10	15.68115
NDUFV1	208714_PM_at	-1.2	0.3	5.0E-09	201341_PM_at	ENC1	0.566561	7.778943	6.496637	3.91E-10	5.38E-09	12.55039
OGDH	201282_PM_at	-1.2	0.3	4.1E-05	209140_PM_x_at	HLA-B	0.565859	12.37947	8.572965	7.79E-16	3.37E-14	25.35979
CDK16	207239_PM_s_at	-1.2	0.3	1.1E-05	201369_PM_s_at	ZFP36L2	0.565838	7.574608	5.845695	1.44E-08	1.40E-07	9.052563
C19orf21	212925_PM_at	-1.2	0.3	2.2E-03	226480_PM_at	---	0.565551	6.733189	7.540941	7.04E-13	1.71E-11	18.70539
RIPK4	221215_PM_s_at	-1.2	0.3	1.3E-02	207712_PM_at	BAGE	0.565497	3.37991	5.03343	8.79E-07	5.61E-06	5.09634
NR1P2	215104_PM_at	-1.2	0.3	2.5E-04	201888_PM_s_at	IL13RA1	0.565258	7.614242	5.933366	9.02E-09	9.16E-08	9.507335
ZNRF3	226360_PM_at	-1.2	0.3	1.9E-03	232914_PM_s_at	SYTL2	0.565099	9.982132	5.728713	2.68E-08	2.44E-07	8.453934
FLRT1	210414_PM_at	-1.2	0.3	8.9E-04	218585_PM_s_at	DTL	0.565033	3.977085	5.188132	4.16E-07	2.86E-06	5.812964
CHST13	239647_PM_at	-1.2	0.3	8.8E-07	237176_PM_at	---	0.564995	4.780345	6.820411	5.89E-11	9.74E-10	14.39042
DHODH	213631_PM_x_at	-1.2	0.3	2.9E-09	206756_PM_at	CHST7	0.564779	5.116355	5.779373	2.05E-08	1.92E-07	8.713861
TFAP2B	214451_PM_at	-1.2	0.3	3.4E-02	224610_PM_at	SNHG1	0.564689	8.971292	5.833771	1.54E-08	1.48E-07	8.991118
HIST1H2BD	209911_PM_x_at	-1.2	0.3	1.8E-03	224709_PM_s_at	CDC425E2	0.564588	10.29614	9.840776	9.72E-20	9.13E-18	34.17297
FLJ20444	232897_PM_at	-1.2	0.3	5.4E-04	239229_PM_at	PHEX	0.564205	3.85549	6.21886	1.89E-09	2.24E-08	11.02392
NID1	202007_PM_at	-1.2	0.3	9.0E-04	214186_PM_s_at	HCG26	0.563864	4.432851	5.950578	8.22E-09	8.42E-08	9.597228
FLJ39653	1553145_PM_at	-1.2	0.3	6.5E-03	243602_PM_at	MGC40069	0.563857	6.122225	6.78287	7.35E-11	1.19E-09	14.17381
POMT1	218476_PM_at	-1.2	0.3	2.9E-07	60471_PM_at	RIN3	0.563811	6.32516	5.142797	5.19E-07	3.50E-06	5.601112
BCL7A	203795_PM_s_at	-1.2	0.3	1.4E-04	1554208_PM_at	MEI1	0.563785	4.371661	6.360106	8.52E-10	1.09E-08	11.79396
DRG2	203267_PM_s_at	-1.2	0.3	1.4E-06	212647_PM_at	RRAS	0.563691	7.54978	6.117349	3.31E-09	3.37E-08	10.4785
DSG2	217901_PM_at	-1.2	0.3	2.6E-02	219079_PM_at	CY5B84	0.563681	7.39241	6.055451	4.65E-09	5.07E-08	10.14925
DDOST	208674_PM_x_at	-1.2	0.3	4.2E-05	205729_PM_at	OSMR	0.563648	8.083201	5.212519	6.75E-07	2.57E-06	5.92755
CPXM2	226824_PM_at	-1.2	0.3	4.8E-03	219296_PM_at	ZDHHC13	0.563563	6.975372	6.592292	2.25E-10	3.28E-09	13.08732
SEPHS1	208939_PM_at	-1.2	0.3	3.7E-06	211287_PM_x_at	CSF2RA	0.563039	3.128706	7.732315	2.07E-13	5.69E-12	19.89933
FAM173A	219709_PM_x_at	-1.2	0.3	6.5E-04	228139_PM_at	RIPK3	0.562667	4.983009	7.698525	2.58E-13	6.95E-12	19.68713
RHOBTB1	212651_PM_at	-1.2	0.3	1.5E-02	212414_PM_s_at	GLYR1 /// SEPT6	0.562257	8.235974	6.00089	6.26E-09	6.63E-08	9.86114
PTGFR	207177_PM_at	-1.2	0.3	4.0E-04	209152_PM_s_at	TCF3	0.561697	5.275283	7.10484	1.06E-11	2.04E-10	16.05857
TMTCS3	226600_PM_at	-1.2	0.3	8.6E-04	229548_PM_at	---	0.561585	4.413385	6.447791	5.17E-10	6.93E-09	12.27841
CRB3	232609_PM_at	-1.2	0.3	4.4E-04	240338_PM_at	---	0.561531	4.07168	7.710073	2.39E-13	6.50E-12	19.75959
DNAJB5	212817_PM_at	-1.2	0.3	2.6E-03	200899_PM_at	HIF1A	0.561336	11.17017	8.29166	5.24E-15	1.94E-13	23.49513
DNAJC4	206781_PM_at	-1.2	0.3	3.3E-08	203944_PM_x_at	BTN2A1	0.561312	8.162003	7.012772	1.86E-11	3.42E-10	15.51344
SLC39A8	209266_PM_s_at	-1.2	0.3	7.0E-04	1570541_PM_s_at	---	0.561003	4.136524	6.202596	2.06E-09	2.43E-08	10.93608
MRPL4	218105_PM_s_at	-1.2	0.3	2.9E-04	219481_PM_at	TTC13	0.560467	6.552339	5.879843	1.20E-08	1.19E-07	9.229077
NECAB3	210720_PM_s_at	-1.2	0.3	4.2E-06	228670_PM_at	TEP1	0.560321	7.650309	6.080785	4.05E-09	4.48E-08	10.2837
MBLAC2	230298_PM_at	-1.2	0.3	1.6E-05	230532_PM_at	Xkorf38	0.560155	7.072541	5.361287	1.77E-07	1.33E-06	6.636027
C20orf7	222894_PM_x_at	-1.2	0.3	5.1E-05	205511_PM_at	FLJ10038	0.560059	6.079125	6.089395	3.86E-09	4.29E-08	10.32949
NEO1	204321_PM_at	-1.2	0.3	8.7E-05	1556051_PM_a_at	BICD1	0.560047	5.827902	5.726783	2.71E-08	2.46E-07	8.444137
SLC25A20	203658_PM_at	-1.2	0.3	1.8E-04	202969_PM_at	DYRK2	0.559926	6.844225	6.43018	5.72E-10	7.58E-09	12.18072
ZFYF1	223387_PM_at	-1.2	0.3	1.6E-09	221234_PM_s_at	BACH2	0.559765	4.075829	5.478311	9.80E-08	7.80E-07	7.204612
BCL2L10	221130_PM_at	-1.2	0.3	2.2E-08	241917_PM_at	---	0.559254	4.105777	5.935744	8.91E-09	9.05E-08	9.519741
UBR3	230029_PM_x_at	-1.2	0.3	9.8E-03	227168_PM_at	MIAT	0.559193	4.214302	6.340474	9.52E-10	1.20E-08	11.68617
UBE2K	202346_PM_at	-1.2	0.3	7.9E-06	212484_PM_at	FAM89B	0.55898	7.169368	5.780277	2.04E-08	1.91E-07	8.716643
CDKN1C	213182_PM_x_at	-1.2	0.3	3.6E-04	204116_PM_at	IL2RG	0.558902	4.491035	6.715959	1.09E-10	1.69E-09	13.78983
FOXD4 /// FOXD4L1	217032_PM_at	-1.2	0.3	4.2E-04	208891_PM_at	DUSP6	0.558858	8.989638	7.739078	1.98E-13	5.48E-12	19.94187
C14orf115	220536_PM_at	-1.2	0.3	2.8E-07	233713_PM_at	---	0.558833	4.656838	5.131713	5.48E-07	3.68E-06	5.54955
STRA6	221701_PM_s_at	-1.2	0.3	7.9E-08	239561_PM_at	---	0.55866	4.735775	5.220248	3.56E-07	2.48E-06	5.963957
CXC14	218002_PM_s_at	-1.2	0.3	2.5E-03	224950_PM_at	PTGFRN	0.558491	5.069446	5.258252	2.95E-07	2.10E-06	6.14362
GRB14	206204_PM_at	-1.2	0.3	9.8E-03	227525_PM_at	GLCC1	0.557617	7.399027	5.501227	8.72E-08	7.02E-07	7.317105
PHLDA1	217996_PM_at	-1.2	0.3	1.4E-04	219134_PM_at	ELTD1	0.557444	8.552566	5.491161	9.18E-08	7.35E-07	7.267643
YIPF6	212340_PM_at	-1.2	0.3	9.4E-10	224304_PM_x_at	NIN	0.557379	5.386854	6.898896	3.69E-11	6.41E-10	14.84599
AIF1L	223074_PM_s_at	-1.2	0.3	1.2E-03	230276_PM_at	FAM49A	0.557334	3.701596	6.505504	3.72E-10	5.14E-09	12.59992
F3	204363_PM_at	-1.2	0.3	4.7E-04	204528_PM_s_at	NAP1L1	0.557243	10.28094	8.324396	4.20E-15	1.95E-13	23.71025
CHCHD10	224932_PM_at	-1.2	0.3	8.6E-04	204748_PM_at	PTGS2	0.556647	4.308178	5.789513	1.95E-08	1.83E-07	8.76389
RASSF8	207754_PM_at	-1.2	0.3	4.6E-05	208206_PM_s_at	RASGRP2	0.556481	4.71046	5.400306	1.45E-07	1.12E-06	6.824514
MGC12982	224457_PM_at	-1.2	0.3	1.3E-07	211282_PM_s_at	TNFRSF25	0.556456	4.331038	6.391278	7.14E-10	9.25E-09	11.96563
LOC728701	234380_PM_x_at	-1.2	0.3	4.6E-05	202040_PM_s_at	KDMSA	0.556308	8.039424	7.7			

HIRIP3	204504_PM_s_at	-1.2	0.3	2.0E-06	212792_PM_at	DPY19L1	0.551466	6.490972	5.428893	1.26E-07	9.78E-07	6.963301
ANKS6	226586_PM_at	-1.2	0.3	5.7E-04	211675_PM_s_at	MDFC	0.551408	8.808577	5.989441	6.66E-09	7.00E-08	9.800937
GIC2	207025_PM_at	-1.2	0.3	2.1E-05	212268_PM_at	SERPINB1	0.551176	8.15909	6.446349	5.22E-10	6.98E-09	12.27041
ELAVL1	201726_PM_at	-1.2	0.3	4.9E-06	234997_PM_x_at	---	0.550563	7.154287	4.974225	1.16E-06	7.23E-06	4.826835
TJP3	213412_PM_at	-1.2	0.3	3.9E-04	222512_PM_at	NUB1	0.550108	8.720903	9.297704	4.93E-18	3.24E-16	30.3212
EPHB4	202894_PM_at	-1.2	0.3	2.1E-05	209828_PM_s_at	IL16	0.550098	4.0382	7.107567	1.04E-11	2.01E-10	16.0748
CSorf33	226946_PM_at	-1.2	0.3	8.5E-03	201631_PM_s_at	IER3	0.549986	8.985543	5.805464	1.79E-08	1.69E-07	8.845633
EHD1	208112_PM_x_at	-1.2	0.3	7.6E-05	214722_PM_at	NOTCH2NL	0.549972	9.59587	5.105316	6.22E-07	4.11E-06	5.427116
ARVCF	205784_PM_x_at	-1.2	0.3	2.1E-04	240173_PM_at	---	0.549961	4.921153	5.621587	4.69E-08	4.04E-07	7.914058
SIK3	204155_PM_s_at	-1.2	0.3	4.6E-05	242480_PM_at	---	0.549743	5.58673	5.062519	7.65E-07	4.95E-06	5.229724
ADCY9	204497_PM_at	-1.2	0.3	2.7E-05	205603_PM_s_at	DIAPH2	0.549318	5.926453	5.50909	8.38E-08	6.77E-07	7.355786
CTSB	200838_PM_at	-1.2	0.3	3.6E-04	1564139_PM_at	LOC144571	0.54874	6.202536	5.603683	5.15E-08	4.39E-07	7.824611
PCBD2	223712_PM_at	-1.2	0.3	7.4E-05	36545_PM_s_at	SFI1	0.548625	5.460257	6.598178	2.17E-10	3.18E-09	13.12054
IGFALS	215712_PM_s_at	-1.2	0.3	3.7E-05	226184_PM_at	FMNL2	0.548554	9.151073	7.391832	1.80E-12	4.05E-11	17.88663
LOC92659	1559352_PM_a_at	-1.2	0.3	3.3E-06	201930_PM_at	MCM6	0.548188	8.05876	6.851197	4.90E-11	8.29E-10	14.56688
PARG	205060_PM_at	-1.2	0.3	2.9E-05	213532_PM_at	ADAM17	0.54818	7.93637	7.802127	1.32E-13	3.77E-12	20.33961
PPP2R2D	221772_PM_s_at	-1.2	0.3	2.7E-08	207565_PM_s_at	MR1	0.548105	5.382689	6.379663	7.88E-10	1.01E-08	11.8702
TFRC	207332_PM_s_at	-1.2	0.3	8.2E-06	233274_PM_at	---	0.547782	5.550668	5.037427	8.62E-07	5.51E-06	5.114634
MRPL49	201717_PM_at	-1.2	0.3	1.5E-06	204546_PM_at	KIAA0513	0.547739	6.334636	8.092185	1.98E-14	6.57E-13	22.19521
AKR1A1	201900_PM_s_at	-1.2	0.3	1.5E-06	213101_PM_s_at	ACTR3	0.547536	10.96846	9.355633	3.26E-18	2.22E-16	30.72689
ZG16	214142_PM_at	-1.2	0.3	1.1E-07	222890_PM_at	CCDC113	0.547445	5.516482	5.279888	2.65E-07	1.91E-06	6.246739
IRS2	209184_PM_s_at	-1.2	0.3	5.6E-05	219506_PM_at	C1orf54	0.547401	8.786762	5.87697	1.22E-08	1.20E-07	9.214196
DEPDC4	1561114_PM_a_at	-1.2	0.3	1.7E-09	203085_PM_s_at	TGFB1	0.547207	4.554497	6.47598	4.40E-10	5.98E-09	12.43519
IPW	213447_PM_at	-1.2	0.3	1.1E-03	211762_PM_s_at	KPNA2	0.547173	8.499551	5.081554	6.98E-07	4.56E-06	5.31735
TMEM175	223462_PM_at	-1.2	0.3	1.3E-05	201723_PM_s_at	GALNT1	0.547104	9.151176	7.134395	8.86E-12	1.73E-10	16.2346
LGALS4	204272_PM_at	-1.2	0.3	2.2E-03	206618_PM_at	IL18R1	0.546759	4.293455	5.655862	2.78E-10	3.97E-09	12.88216
TRIM67	233357_PM_at	-1.2	0.3	3.8E-06	207551_PM_s_at	MSL3	0.546658	7.780839	8.450672	1.79E-15	7.20E-14	24.54473
GTF2H4	203577_PM_at	-1.2	0.3	4.7E-05	221816_PM_s_at	PHF11	0.546535	9.171282	8.945726	5.92E-17	3.15E-15	27.8845
MPI	202472_PM_at	-1.2	0.3	2.7E-09	228245_PM_s_at	OVOS /// OVOS2	0.545935	3.806269	5.080516	7.01E-07	4.58E-06	5.312567
C8orf42	226778_PM_at	-1.2	0.3	1.1E-03	224578_PM_at	RCC2	0.545909	8.598623	8.536236	1.00E-15	4.25E-14	25.1143
NFB	209289_PM_at	-1.2	0.3	4.4E-03	219979_PM_s_at	C11orf73	0.545496	7.099174	5.792143	1.92E-08	1.81E-07	8.777354
SPAG16	219109_PM_at	-1.2	0.3	5.9E-07	41220_PM_at	---	0.54538	10.00525	7.564814	6.05E-13	1.48E-11	18.85328
ABCB6	203191_PM_at	-1.2	0.3	6.1E-07	230529_PM_at	HECA	0.545372	4.153142	6.756401	8.61E-11	1.36E-09	14.02159
MAGI1	206144_PM_at	-1.2	0.3	8.7E-07	215602_PM_at	FGD2	0.544044	3.674722	7.631827	3.95E-13	1.02E-11	19.27001
PRR15	226961_PM_at	-1.2	0.3	6.1E-04	239740_PM_at	ETV6	0.543802	4.215957	6.522002	3.38E-10	4.73E-09	12.69221
BSDC1	218004_PM_at	-1.2	0.3	5.8E-05	200996_PM_at	ACTR3	0.543792	9.172865	7.022287	1.75E-11	3.25E-10	15.56955
UBE2D4	218837_PM_s_at	-1.2	0.3	5.7E-05	205579_PM_at	HRH1	0.543733	4.326544	5.031166	8.88E-07	5.67E-06	5.085988
LRPAP1	201186_PM_at	-1.2	0.3	1.4E-04	204479_PM_at	OSTF1	0.543665	8.518343	6.315445	1.10E-09	1.36E-08	11.54909
RALGAP2	225499_PM_at	-1.2	0.3	1.5E-03	226392_PM_at	---	0.543655	7.944001	6.114013	3.37E-09	3.79E-08	10.46069
KREMEN1	224534_PM_at	-1.2	0.3	4.3E-08	218313_PM_s_at	GALNT7	0.543589	8.389583	7.276903	3.68E-12	7.81E-11	17.09299
LAD1	203287_PM_at	-1.2	0.3	3.4E-04	201041_PM_s_at	DUSP1	0.543513	8.867964	5.420898	1.31E-07	1.02E-06	6.924429
PIR	207469_PM_s_at	-1.2	0.3	5.2E-03	1568815_PM_a_at	DDX50	0.543206	5.571182	5.242131	3.20E-07	2.26E-06	6.06728
CCDC64	215015_PM_at	-1.2	0.3	3.7E-04	218429_PM_s_at	C19orf66	0.543007	8.493032	6.448652	5.15E-10	6.90E-09	12.2832
DNAJC28	220372_PM_at	-1.2	0.3	6.4E-04	215464_PM_s_at	TAX1BP3	0.542935	9.047534	7.056264	1.43E-11	2.68E-10	15.77035
C1orf86 /// LOC100128003	1556309_PM_s_at	-1.2	0.3	5.3E-05	207351_PM_s_at	SH2D2A	0.542873	3.74372	7.689622	2.73E-13	7.30E-12	19.63132
GPRC5C	219327_PM_s_at	-1.2	0.3	2.7E-05	235595_PM_at	ARHGFE2	0.541975	6.115266	6.249469	1.59E-09	1.92E-08	11.1897
C14orf37	1557176_PM_a_at	-1.2	0.3	1.9E-05	185839_PM_at	LPAR6	0.541867	8.733118	5.623754	4.64E-08	4.00E-07	7.924897
FAT4	219427_PM_at	-1.2	0.3	2.0E-02	209295_PM_at	TNFRSF10B	0.541777	8.726756	7.595707	4.97E-13	1.24E-11	19.0451
OTUD1	226140_PM_s_at	-1.2	0.3	4.6E-06	203937_PM_at	---	0.541508	5.016267	5.105857	6.21E-07	4.11E-06	5.429619
SSTR2	214597_PM_at	-1.2	0.3	4.8E-05	1554116_PM_s_at	PARP11	0.541274	4.310235	7.453057	1.23E-12	2.85E-11	18.1636
ZNF556	220709_PM_at	-1.2	0.3	1.7E-03	217394_PM_at	---	0.540707	3.239594	7.854593	9.39E-14	2.77E-12	20.67213
SPTLC1	202277_PM_at	-1.2	0.3	2.6E-02	218888_PM_s_at	NETO2	0.540687	4.991948	6.396536	6.93E-10	9.00E-09	11.99464
MTIH1 /// MT1P2	206461_PM_x_at	-1.2	0.3	7.2E-03	225841_PM_at	C1orf59	0.540572	5.382503	5.699943	3.12E-08	2.80E-07	8.308159
LMAN2L	221274_PM_s_at	-1.2	0.3	6.1E-07	1564164_PM_at	DENND1B	0.540566	4.207793	5.742541	2.50E-08	2.29E-07	8.524204
CES8	228903_PM_at	-1.2	0.3	7.1E-05	222435_PM_s_at	UBE2J1	0.540413	7.136832	5.151385	4.98E-07	3.37E-06	5.641126
WDR13	222138_PM_s_at	-1.2	0.3	1.7E-05	230252_PM_at	LPAR5	0.54028	4.288111	6.811229	6.22E-11	1.02E-09	14.33736
C1orf114	206721_PM_at	-1.2	0.3	3.1E-03	228303_PM_at	GALNT6	0.54024	4.841421	6.126551	2.00E-10	2.95E-09	13.20176
BSC1L	208906_PM_at	-1.2	0.3	1.3E-04	231658_PM_x_at	LOC100289079	0.54004	7.72211	5.123768	5.69E-07	3.80E-06	5.512644
MRPL44	218202_PM_x_at	-1.2	0.3	1.6E-03	212959_PM_s_at	GNPTAB	0.539772	8.313819	7.901794	6.91E-14	2.09E-12	20.97248
STIP1	212009_PM_s_at	-1.2	0.3	5.8E-03	222613_PM_at	C12orf4	0.539579	7.213679	6.807062	6.38E-11	1.04E-09	14.3133
PNKD	225298_PM_at	-1.2	0.3	1.5E-03	237737_PM_at	LOC100289026	0.539454	4.322348	6.443329	5.31E-10	7.09E-09	12.25315
PLEKH81	209504_PM_s_at	-1.2	0.3	2.3E-06	226485_PM_at	VSIG10	0.539257	7.093404	5.025205	9.14E-07	5.81E-06	5.058744
TBKBP1	205424_PM_at	-1.2	0.3	1.1E-06	1559078_PM_at	BCL11A	0.537866	4.750608	5.582606	5.74E-08	4.85E-07	7.719599
SNHG8	225220_PM_at	-1.2	0.3	7.2E-05	219159_PM_s_at	SLAMF7	0.537595	5.922209	4.992933	1.07E-07	6.67E-06	4.911707
FAM22F /// FAM22G	234414_PM_at	-1.2	0.3	8.3E-04	202716_PM_at	PTPN11	0.537463	8.055344	6.643505	1.67E-10	2.50E-09	13.3771
RAPGEF4	205651_PM_x_at	-1.2	0.3	1.3E-03	227224_PM_at	RALGPS2	0.537168	6.567255	5.417375	1.33E-07	1.03E-06	6.907314
DDX6	225549_PM_at	-1.2	0.3	1.5E-03	200670_PM_at	XBP1	0.537042	9.821532	6.807903	6.34E-11	1.04E-09	14.31815
PHRF1	234952_PM_s_at	-1.2	0.3	2.6E-04	239146_PM_at	CLDND1	0.536993	4.551839	5.196843	3.99E-07	2.75E-06	5.853845
ATG9A	202492_PM_at	-1.2	0.3	5.6E-05	219099_PM_at	C12orf5	0.536769	6.840951	6.811086	6.23E-11	1.02E-09	14.33654
KLHL26	219354_PM_at	-1.2	0.3	1.2E-05	201959_PM_s_at	MYCBP2	0.53664	8.891551	6.373988	7.88E-10	1.01E-08	11.87033
GMCL1	218458_PM_at	-1.2	0.3	2.1E-03	218094_PM_s_at	DBNDD2 /// SYS1 /// SYS1-DBNDD2	0.536254	8.317696	6.146407	2.82E-09	3.22E-08	10.63394
OLFML2A	213075_PM_at	-1.2	0.3	5.4E-03	244777_PM_at	DCE2	0.536222	6.169942	6.293196	1.24E-09	1.53E-08	11.42758
FAM82B	218549_PM_s_at	-1.2	0.3	3.6E-05	212192_PM_at	KCTD12	0.536187	10.11583	6.715598	1.09E-10	1.70E-09	13.78777
KAT5	206689_PM_x_at	-1.2	0.3	5.7E-06	222540_PM_s_at	RSF1	0.535262	9.611926	5.515094	8.12E-08	6.60E-07	7.385356
TYRO3	211431_PM_s_at	-1.2	0.3	2.2E-05	226531_PM_at	ORAI1	0.535188	6.655633	5.184045	4.25E-07	2.91E-06	5.7938
HACE1	227471_PM_at	-1.2	0.3	3.0E-03	203118_PM_at	PCSK7	0.534718	5.946835	7.776319	1.56E-13	4.40E-12	20.17656
PPP1R14C	226907_PM_at	-1.2	0.3	1.2E-02	204146_PM_at	RADS1AP1	0.534647	3.906925	5.845638	1.44E-08	1.40E-07	9.052269
BCR	202315_PM_s_at	-1.2	0.3	3.4E-04	225533_PM_at	PHF19	0.534032	5.957686	7.254502	4.23E-12	8.85E-11	16.95503
ZNF213	227207_PM_x_at	-1.2	0.3	2.7E-05	214933_PM_at	CACNA1A	0.534002	5.060911	5.71516	2.88E-08	2.60E-07	8.385189
UNG	202330_PM_s_at	-1.2	0.3	3.5E-06	203298_PM_s_at	JARID2	0.533974	6.354268	6.020149	5.64E-09	6.03E-08	9.962

C16orf58	217891_PM_at	-1.2	0.3	2.2E-05	225447_PM_at	GPD2	0.528332	7.165841	5.51159	8.27E-08	6.70E-07	7.368099
PEX3	203969_PM_at	-1.2	0.3	3.5E-02	2277087_PM_at	INPP4A	0.52803	7.60168	5.660976	3.83E-08	3.35E-07	8.111635
C19orf20	227903_PM_x_at	-1.2	0.3	1.3E-06	209946_PM_at	VEGFC	0.527694	6.521084	4.990259	1.08E-06	6.75E-06	4.899562
GPFR	210640_PM_s_at	-1.2	0.3	7.4E-06	218404_PM_at	SNX10	0.527294	9.537652	6.119666	3.27E-09	3.69E-08	10.49087
SFRS1	201741_PM_x_at	-1.2	0.3	3.9E-02	213572_PM_s_at	SERPINB1	0.527197	8.322754	6.83297	5.47E-11	9.12E-10	14.46307
UDS1L	217912_PM_at	-1.2	0.3	2.1E-06	227267_PM_at	POCS	0.526891	6.44741	7.877107	8.12E-14	2.42E-12	20.81526
SMS	202043_PM_s_at	-1.2	0.3	5.7E-04	217933_PM_s_at	LAP3	0.526774	10.40128	5.196861	3.99E-07	2.75E-06	5.853929
CCBL1	206037_PM_at	-1.2	0.3	2.1E-08	220104_PM_at	ZC3HAV1	0.526016	4.360746	6.318718	1.08E-09	1.34E-08	11.567
COOS	223114_PM_at	-1.2	0.3	2.1E-07	210367_PM_s_at	PTGES	0.525942	5.003705	5.045814	8.28E-07	5.33E-06	5.153048
NSDHL	209279_PM_s_at	-1.2	0.3	9.7E-07	221935_PM_s_at	C3orf64	0.525763	5.283611	5.45097	1.13E-07	8.82E-07	7.070891
SLC30A1	212907_PM_at	-1.2	0.3	6.1E-05	204646_PM_at	DPVD	0.525707	8.63524	6.70755	1.15E-10	1.77E-09	13.74177
TMEM133	223595_PM_at	-1.2	0.3	5.9E-04	201088_PM_at	KPNA2	0.524648	9.145035	6.736408	9.68E-11	1.52E-09	13.90689
NUDT16P1	232251_PM_at	-1.2	0.3	2.3E-05	243968_PM_x_at	FCRL1	0.524587	3.674082	5.301224	2.39E-07	1.74E-06	6.348045
EML2	204398_PM_s_at	-1.2	0.3	3.6E-07	221253_PM_s_at	MUTED /// TXND5	0.52444	10.53878	8.206375	9.27E-15	3.26E-13	22.93704
APOA1BP	225427_PM_s_at	-1.2	0.3	9.2E-05	239893_PM_at	---	0.523769	4.038885	6.92183	3.21E-11	5.65E-10	14.9798
ENTPD3	206191_PM_at	-1.2	0.3	3.7E-03	1556698_PM_a_at	GPRIN3	0.523638	4.150494	6.459235	4.85E-10	6.53E-09	12.342
TRIP6	209129_PM_at	-1.2	0.3	2.7E-04	224796_PM_at	ASAP1	0.523632	8.31244	6.266063	1.45E-09	1.76E-08	11.27983
NTNG1	206713_PM_at	-1.2	0.3	2.1E-05	205585_PM_at	ETV6	0.523519	4.47837	7.633599	3.90E-13	1.01E-11	19.28106
HDAC11	219847_PM_at	-1.2	0.3	2.4E-05	220423_PM_at	PLA2G2D	0.523504	3.872225	5.553341	6.68E-08	5.54E-07	7.574319
LOC100287576	1558118_PM_at	-1.2	0.3	8.3E-06	205178_PM_s_at	RBBP6	0.523486	8.098086	5.686041	3.36E-08	2.98E-07	8.237923
COASY	201913_PM_s_at	-1.2	0.3	4.7E-05	209715_PM_at	CBX5	0.523461	7.797822	5.252911	3.03E-07	2.15E-06	6.11831
MYRIP	214156_PM_at	-1.2	0.3	3.0E-04	229064_PM_s_at	RCAN3	0.523405	4.072294	6.291776	1.25E-09	1.54E-08	11.41984
DNAJB2	202500_PM_at	-1.2	0.3	8.1E-05	209715_PM_at	S100A13	0.523335	9.914295	6.625019	1.86E-10	2.76E-09	13.27231
MRM1	219967_PM_at	-1.2	0.3	7.9E-06	202369_PM_s_at	TRAM2	0.522534	7.446411	5.486938	9.38E-08	7.49E-07	7.246917
RASL10B	235488_PM_at	-1.2	0.3	1.1E-05	221525_PM_s_at	BARD1	0.522312	4.405221	5.850145	1.41E-08	1.37E-07	9.075524
SLC25A5	200657_PM_at	-1.2	0.3	2.6E-05	238604_PM_at	---	0.522084	7.557906	7.168367	7.20E-12	1.43E-10	16.43755
DNMBP	212838_PM_at	-1.2	0.3	1.1E-03	223655_PM_at	CD163L1	0.521376	4.147578	5.968701	7.46E-09	7.73E-08	9.692096
RNASEH2C	227543_PM_at	-1.2	0.3	2.4E-04	1557780_PM_at	---	0.521277	4.671978	6.281632	1.33E-09	1.63E-08	11.36455
C17orf55	243263_PM_at	-1.2	0.3	2.1E-05	217680_PM_x_at	RPL10	0.520208	6.678784	6.443081	5.31E-10	7.09E-09	12.25227
SPTBN4	220185_PM_at	-1.2	0.3	2.5E-06	1553681_PM_a_at	PRF1	0.520273	5.012676	5.704164	3.05E-08	2.74E-07	8.329511
SPEF1	216119_PM_s_at	-1.2	0.3	3.5E-05	209053_PM_s_at	WHSC1	0.519916	4.940115	5.465156	1.05E-07	8.27E-07	7.142027
DOLPP1	221817_PM_at	-1.2	0.3	6.6E-05	201664_PM_at	SMC4	0.519892	7.873376	6.029828	5.35E-09	5.76E-08	10.0137
PFBFBP2	212841_PM_s_at	-1.2	0.3	5.9E-04	219278_PM_at	MAP3K6	0.519577	5.5952	5.861015	1.33E-08	1.30E-07	9.131655
KIF12	229258_PM_at	-1.2	0.3	2.7E-03	212355_PM_at	KHNYN	0.518965	7.316572	6.724048	1.04E-10	1.62E-09	13.83611
RNF157	226433_PM_at	-1.2	0.3	2.5E-05	219112_PM_at	FNIP1 /// RAGPEF6	0.518771	7.206256	5.948845	8.32E-09	8.51E-08	9.586285
LOC388210	244889_PM_at	-1.2	0.3	7.3E-04	220088_PM_at	CSAR1	0.518746	4.684391	5.131902	5.47E-06	3.67E-06	5.550245
ESRP2	219395_PM_at	-1.2	0.3	9.2E-03	227001_PM_at	NIPAL2	0.518673	7.297403	6.983982	2.21E-11	4.02E-10	15.34398
PREPL	212216_PM_at	-1.2	0.3	2.5E-03	239108_PM_at	FAR2	0.518401	4.396734	5.663024	3.79E-08	3.32E-07	8.121938
ENSA	202596_PM_at	-1.2	0.3	2.9E-04	229878_PM_at	KIAA1731	0.518273	6.820415	6.611494	2.01E-10	2.97E-09	13.19578
LOC100289043	216571_PM_at	-1.2	0.3	9.7E-06	221538_PM_s_at	PLXNA1	0.518117	7.573001	5.807288	1.77E-08	1.68E-07	8.854986
FASTK	202676_PM_x_at	-1.2	0.3	2.1E-04	218542_PM_at	CEP55	0.517392	3.435411	6.098308	3.68E-09	4.10E-08	10.37695
TMEM161A	218745_PM_x_at	-1.2	0.3	2.6E-05	229310_PM_at	KLHL29	0.517089	6.800089	5.224007	3.49E-07	2.44E-06	5.981682
HPSE2	220927_PM_s_at	-1.2	0.3	7.4E-06	1552307_PM_a_at	TTC39C	0.516978	3.805936	8.153298	1.32E-14	4.51E-13	22.59145
DDX28	203784_PM_s_at	-1.2	0.3	9.8E-07	210705_PM_s_at	TRIM5	0.516831	7.134832	6.37534	7.82E-10	1.01E-08	11.87778
PQLC2	220453_PM_at	-1.2	0.3	3.2E-06	225927_PM_at	MAP3K1	0.516651	9.659387	6.577808	2.45E-10	3.54E-09	13.00565
ATXN1L	226095_PM_s_at	-1.2	0.3	4.4E-06	222217_PM_s_at	SLC27A3	0.515995	6.709123	6.063188	4.46E-09	4.88E-08	10.19027
ATP6V1C1	202872_PM_at	-1.2	0.3	1.6E-03	209408_PM_at	KIF2C	0.515767	3.9602019	5.743328	2.49E-08	2.28E-07	8.52821
TTC39B	232000_PM_at	-1.2	0.3	1.1E-03	226040_PM_at	---	0.515617	7.853193	6.017167	5.73E-09	6.12E-08	9.946885
ATP6V1D	208898_PM_at	-1.2	0.3	3.5E-03	201847_PM_at	LIPA	0.515597	9.780165	5.840615	1.48E-08	1.43E-07	9.026371
LOC100129794	230307_PM_at	-1.2	0.3	9.8E-07	229442_PM_at	C18orf54	0.515347	3.926648	7.40234	1.69E-12	3.80E-11	17.85284
NHLRC4	1558431_PM_at	-1.2	0.3	2.3E-04	228955_PM_at	---	0.515281	4.225267	7.240646	4.61E-12	9.53E-11	16.87151
C12orf34	226487_PM_at	-1.2	0.3	5.1E-04	238034_PM_at	CANX	0.5149	7.786573	7.323328	2.76E-12	6.02E-11	37.37096
MGC24103	232568_PM_at	-1.2	0.3	3.1E-02	219694_PM_at	FAM105A	0.514511	5.945296	5.818843	1.67E-08	1.59E-07	8.914323
C13orf27	213346_PM_at	-1.2	0.3	1.1E-03	222740_PM_at	ATAD2	0.514489	3.987624	5.93395	9.00E-09	9.14E-08	9.510381
CDADC1	221015_PM_s_at	-1.2	0.3	3.7E-05	1568618_PM_a_at	GALNT1	0.514489	8.97989	6.225902	1.81E-09	2.17E-08	11.06201
MAP3K10	206362_PM_x_at	-1.2	0.3	3.4E-05	238432_PM_at	FLJ35776	0.514403	7.341156	5.566049	6.26E-08	5.23E-07	6.737329
TME8D	225343_PM_at	-1.2	0.3	8.7E-03	228253_PM_at	LOXL3	0.514346	4.966139	7.167579	7.23E-12	1.44E-10	16.43283
IDH3G	202471_PM_s_at	-1.2	0.3	8.9E-06	203744_PM_at	HMG8B	0.513318	7.128809	5.898416	1.09E-08	1.08E-07	9.325416
PRR15L	219127_PM_at	-1.2	0.3	1.7E-02	203973_PM_s_at	CEBPD	0.51285	10.10519	7.429475	1.42E-12	3.25E-11	18.01894
PRDX3	201619_PM_at	-1.2	0.3	2.2E-04	227235_PM_at	GUCY1A3	0.512643	6.885631	5.205111	3.83E-07	2.65E-06	5.892695
SYPL1	201259_PM_s_at	-1.2	0.3	6.8E-04	221073_PM_s_at	NOD1	0.512438	5.027533	6.31736	1.09E-09	1.35E-08	11.55956
C1orf200	1559638_PM_at	-1.2	0.3	1.1E-05	200791_PM_s_at	IQGAP1	0.511909	9.764211	7.700795	2.54E-13	6.86E-12	19.70136
CTNBP1P1	203081_PM_at	-1.2	0.3	2.7E-05	210528_PM_at	MR1	0.511801	4.936529	5.941298	8.65E-09	8.81E-08	9.548739
SYT9	232445_PM_at	-1.2	0.3	1.2E-06	243546_PM_at	---	0.511771	4.007364	5.735789	2.59E-08	2.36E-07	8.489877
COPS6	201405_PM_s_at	-1.2	0.3	1.4E-07	212421_PM_at	C22orf9	0.511754	5.170423	5.636874	4.34E-08	3.76E-07	7.990609
WBSCR17	227434_PM_at	-1.2	0.3	5.5E-05	225043_PM_at	SLC15A4	0.511586	8.22079	7.218246	5.30E-12	1.06E-10	16.7367
PGCP	203501_PM_at	-1.2	0.3	8.1E-07	1558251_PM_a_at	ZNF587	0.511545	4.830712	5.010133	9.82E-07	6.20E-06	4.989975
ARL6	223735_PM_at	-1.2	0.3	1.6E-04	212203_PM_x_at	IFITM3	0.51089	12.19243	9.524408	9.70E-19	7.25E-17	31.91606
RPS28	208902_PM_s_at	-1.2	0.3	3.8E-06	208657_PM_s_at	9-Sep	0.510628	7.724733	6.103358	3.57E-09	4.00E-08	10.40386
SUMF2	225002_PM_s_at	-1.2	0.3	3.3E-04	236528_PM_at	---	0.51048	4.89315	5.151054	4.99E-07	3.38E-06	5.639584
WNT8B	207612_PM_at	-1.2	0.3	1.6E-05	222593_PM_s_at	SPATS2	0.509967	7.982177	6.3231	1.05E-09	1.31E-08	11.59097
LOC100292959	213789_PM_at	-1.2	0.3	4.6E-03	203046_PM_s_at	TIMELESS	0.509722	5.859773	7.418472	1.52E-12	3.47E-11	17.95154
DYNTL3	203303_PM_at	-1.2	0.3	3.4E-07	206589_PM_at	GF1I	0.509661	3.7286	7.440294	1.33E-12	3.06E-11	18.08527
KLHL8	226874_PM_at	-1.2	0.3	6.4E-05	219569_PM_s_at	TMEM22	0.509378	4.749879	5.574343	5.99E-08	5.04E-07	6.768519
DGAT1	203669_PM_s_at	-1.2	0.3	1.3E-04	210162_PM_s_at	NFATC1	0.509307	4.009783	6.057253	4.60E-09	5.02E-08	10.15888
ZNF503	227195_PM_at	-1.2	0.3	6.0E-07	211963_PM_s_at	ARPC5	0.509298	10.26556	6.348833	9.08E-10	1.15E-08	11.73203
MOGAT1	1553062_PM_at	-1.2	0.3	2.4E-03	208812_PM_x_at	HLA-C	0.509283	12.35434	8.667875	4.07E-16	1.84E-14	25.99693
IER3IP1	211406_PM_at	-1.2	0.3	2.9E-05	216176_PM_at	HCRP1	0.508814	4.987794	5.49301	9.09E-08	7.29E-07	7.276726
ACAT2	209608_PM_s_at	-1.2	0.3	6.7E-05	225522_PM_at	IER5L	0.508369	6.745613	5.799899	1.84E-08	1.74E-07	8.817092
C13orf1	214668_PM_at	-1.2	0.3	5.8E-06	226416_PM_at	ERII	0.508351	6.405743	6.443627	5.30E-10	7.08E-09	12.2553
PIGU	225903_PM_at	-1.2	0.3	1.2E-03	201926_PM_s_at							

RNF180	236644_PM_at	-1.2	0.3	2.9E-04	205707_PM_at	IL17RA	0.502965	5.578036	5.851402	1.40E-08	1.36E-07	9.082011
DUSL4	205761_PM_s_at	-1.2	0.3	5.8E-06	218081_PM_at	C20orf27	0.502746	5.94762	4.965398	1.21E-06	7.50E-06	4.786878
TUBA4B	207490_PM_at	-1.2	0.3	4.0E-04	37005_PM_at	NBL1	0.502651	5.9276024	5.306099	2.33E-07	1.70E-06	6.371321
CHRD	207024_PM_at	-1.2	0.3	1.4E-06	201724_PM_s_at	GALNT1	0.502596	8.113896	6.674131	1.40E-10	2.12E-09	13.55117
RRP1	218758_PM_s_at	-1.2	0.3	1.1E-05	218905_PM_at	INTS5	0.502537	8.168592	7.309236	3.01E-12	6.53E-11	17.28602
EXTL1	206329_PM_at	-1.2	0.3	2.7E-06	212203_PM_s_at	YEATS2	0.502395	7.142132	6.781615	7.41E-11	1.19E-09	14.16658
KIAA0649	203955_PM_at	-1.2	0.3	2.5E-05	210288_PM_at	KLRG1	0.5023	4.300227	6.373553	7.90E-10	1.01E-08	11.86794
LOC400236	227885_PM_at	-1.2	0.3	2.5E-06	237544_PM_at	---	0.50208	4.510619	5.898598	1.09E-08	1.08E-07	9.326361
SILC25A4	202825_PM_at	-1.2	0.3	1.8E-04	1552798_PM_a_at	TLR4	0.501489	4.365842	6.729828	1.01E-10	1.57E-09	13.8692
NYFC	202215_PM_s_at	-1.2	0.3	3.1E-03	226837_PM_at	SPRED1	0.501065	6.948024	5.072143	7.30E-07	4.75E-06	5.273992
CDC42BPA	203794_PM_at	-1.2	0.3	8.0E-06	224012_PM_at	ANKRD20A2 /// ANKRD20A2 /// ANKRD20A3	0.500538	3.420817	5.595712	5.37E-08	4.56E-07	7.784859
VDAC1	212038_PM_s_at	-1.2	0.3	7.0E-03	240410_PM_at	---	0.500323	4.540452	5.858731	1.35E-08	1.31E-07	9.119857
HOXD3	206601_PM_s_at	-1.2	0.3	2.7E-05	222250_PM_s_at	INTS7	0.500116	4.833296	5.445995	1.15E-07	9.03E-07	7.046615
LOC80054	220465_PM_at	-1.2	0.3	2.8E-04	243332_PM_at	---	0.500044	4.653408	5.340476	1.96E-07	1.46E-06	6.535948
THSD7B	232327_PM_at	-1.2	0.3	7.2E-05	222692_PM_s_at	FNDCC3B	0.499556	7.488034	6.40373	6.65E-10	8.67E-09	12.03437
NXP2	230883_PM_at	-1.2	0.3	1.7E-06	227792_PM_at	ITPR1P2	0.49943	9.118231	5.759264	2.28E-08	2.11E-07	8.609362
ZDHHC24	205634_PM_x_at	-1.2	0.3	9.7E-04	209448_PM_at	HTATIP2	0.499379	9.07556	6.732738	9.86E-11	1.55E-09	13.88896
FAM84B	225864_PM_at	-1.2	0.3	1.9E-05	233589_PM_x_at	C9orf167	0.499218	4.490363	6.558613	2.73E-10	3.91E-09	12.89763
ATP5G1	208972_PM_s_at	-1.2	0.3	1.8E-04	39650_PM_s_at	PCNX12	0.499004	4.859598	6.83787	5.31E-11	8.89E-10	14.49145
B3GNT2	219326_PM_s_at	-1.2	0.3	9.6E-03	203346_PM_s_at	MTF2	0.498829	7.796986	6.268359	1.43E-09	1.74E-08	11.29231
PTPRP	211320_PM_s_at	-1.2	0.3	6.2E-05	210840_PM_s_at	IQGAP1	0.498637	9.502211	5.768393	2.18E-08	2.02E-07	8.655935
LYSMD1	232283_PM_at	-1.2	0.3	1.7E-04	242903_PM_at	IFNGR1	0.498579	4.314901	5.583683	5.71E-08	4.82E-07	7.724961
LRRC45	226253_PM_at	-1.2	0.3	1.8E-04	203313_PM_s_at	TGIF1	0.498554	8.830637	6.209353	1.99E-09	2.35E-08	10.97256
TNNT2	215389_PM_s_at	-1.2	0.3	7.7E-04	203687_PM_at	CX3CL1	0.498395	7.598175	5.035103	8.72E-07	5.57E-06	5.103998
C6orf130	213322_PM_at	-1.2	0.3	1.3E-05	1561754_PM_at	---	0.498266	4.378729	5.122131	5.74E-07	3.83E-06	5.505045
EXOSC4	218695_PM_at	-1.2	0.3	6.7E-04	239582_PM_at	PML	0.498118	4.019355	8.398744	2.55E-15	9.96E-14	24.20068
MGC50722	1554681_PM_a_at	-1.2	0.3	3.8E-10	204526_PM_s_at	TBC1D8	0.497892	8.262752	5.397307	1.48E-07	1.13E-06	6.809987
PES1	202212_PM_at	-1.2	0.3	1.2E-05	235571_PM_at	---	0.497793	4.53078	5.584245	5.10E-08	4.81E-07	7.72757
FXYD2	205674_PM_x_at	-1.2	0.3	3.1E-02	212845_PM_at	SAMD4A	0.497558	8.215332	5.463574	6.07E-07	8.32E-07	7.132466
PPAPDC3	224506_PM_s_at	-1.2	0.3	3.6E-02	229521_PM_at	FLJ36031	0.496917	4.842271	5.477846	9.82E-08	7.81E-07	7.202332
C14orf68	237765_PM_at	-1.2	0.3	1.7E-04	32069_PM_at	N4BP1	0.49674	8.071721	6.674855	1.39E-10	2.11E-09	13.55529
SPNS3	235900_PM_at	-1.2	0.3	2.0E-04	226464_PM_at	C3orf58	0.496337	7.320301	5.97677	7.14E-09	7.45E-08	9.734404
TBTK1	230191_PM_at	-1.2	0.3	1.5E-05	226074_PM_at	PPM1M	0.496192	6.502952	6.219149	1.88E-09	2.24E-08	11.02548
DYRK1B	204954_PM_s_at	-1.2	0.3	9.7E-06	224944_PM_at	TMPO	0.495846	8.643778	5.871807	1.26E-08	1.23E-07	9.187467
SEMA3G	219689_PM_at	-1.2	0.3	2.9E-02	213256_PM_at	---	0.495631	4.210308	5.693917	3.22E-08	2.88E-07	8.277699
LOC100133321	216729_PM_at	-1.2	0.3	1.2E-05	206034_PM_at	SERPINB8	0.495486	3.741249	7.056844	1.42E-11	2.67E-10	15.77378
IFT172	226324_PM_s_at	-1.2	0.3	1.5E-04	238967_PM_at	---	0.495387	4.175922	5.819028	1.66E-08	1.59E-07	9.815277
DCAF13	220843_PM_s_at	-1.2	0.3	8.8E-05	207759_PM_s_at	DISC1 /// TSNAX /// TSNAX-DISC1	0.495132	4.03779	8.180602	1.10E-14	3.81E-13	22.76905
SH3BP5L	232365_PM_at	-1.2	0.3	4.5E-04	212897_PM_at	CDK19	0.495094	6.891408	5.547045	6.90E-08	5.71E-07	7.543139
SLC13A5	228844_PM_at	-1.2	0.3	1.5E-03	235113_PM_at	PPL15	0.494831	5.85674	6.016145	5.74E-09	6.15E-08	9.941495
LOC100291336	1565583_PM_at	-1.2	0.3	2.3E-05	240843_PM_at	---	0.494713	4.759313	5.477911	9.82E-08	7.81E-07	7.20265
NME5	206197_PM_at	-1.2	0.3	1.5E-02	205191_PM_at	RP2	0.494509	6.407082	8.105388	6.22E-07	4.11E-06	5.427451
UQCRI10	218190_PM_s_at	-1.2	0.3	3.2E-05	202687_PM_s_at	TNFSF10	0.494318	11.151	5.92352	9.52E-09	9.61E-08	9.456
ASAP2	206414_PM_s_at	-1.2	0.3	4.8E-04	203344_PM_s_at	RBBP8	0.494159	9.312426	5.133775	5.42E-07	3.65E-06	5.593936
NAT2	206797_PM_at	-1.2	0.3	2.1E-02	227402_PM_s_at	UTP23	0.494125	7.474278	5.215108	3.65E-07	2.54E-06	5.939741
MRPS25	224015_PM_s_at	-1.2	0.3	3.3E-04	200999_PM_s_at	CKAP4	0.493925	9.61188	7.18281	6.59E-12	1.32E-10	16.52403
ZNF787	213402_PM_at	-1.2	0.3	6.5E-04	244434_PM_at	GPR82	0.493411	3.769611	5.677633	3.51E-08	3.11E-07	8.195513
KIAA0664P3	219442_PM_at	-1.2	0.3	2.6E-03	219622_PM_at	RAB20	0.492587	8.378657	5.057976	7.81E-07	5.05E-06	5.20885
UQCRI11	202090_PM_s_at	-1.2	0.3	8.8E-07	244650_PM_at	FAM105A	0.492573	4.562871	5.10567	6.21E-07	4.11E-06	5.428757
LOC727916	1559322_PM_at	-1.2	0.3	1.8E-04	235536_PM_at	SNORD89	0.492505	5.208536	5.794656	1.89E-08	1.78E-07	8.790227
C9orf37	223390_PM_at	-1.2	0.3	2.6E-05	226633_PM_at	RAB8B	0.492461	9.221126	8.361926	3.27E-15	1.25E-13	23.9575
COXA3	201119_PM_s_at	-1.2	0.3	3.4E-07	1555950_PM_a_at	CD55	0.492238	7.951855	4.966854	1.21E-06	7.46E-06	4.793466
PODRN3	212915_PM_s_at	-1.2	0.3	9.5E-07	219546_PM_at	BMP2K	0.491941	5.738266	5.961554	7.75E-09	7.99E-08	9.654658
HSD11B1L	228757_PM_at	-1.2	0.3	8.3E-07	201795_PM_at	LBR	0.491919	9.111555	8.333461	3.96E-15	1.50E-13	23.76991
MT1F	213629_PM_x_at	-1.2	0.3	2.9E-02	210102_PM_at	VWASA	0.491758	6.754387	7.397541	1.74E-12	3.92E-11	17.82351
PEX11A	205160_PM_at	-1.2	0.3	1.0E-04	205013_PM_s_at	ADORA2A /// CYTSA	0.491724	4.763377	5.124353	5.68E-07	3.79E-06	5.515361
NRXN2	209982_PM_s_at	-1.2	0.3	2.9E-03	201642_PM_at	IFNGR2	0.4916	9.2886	8.905577	7.84E-17	4.07E-15	27.60974
TSR2	213079_PM_at	-1.2	0.3	2.9E-05	236506_PM_at	---	0.491531	5.044771	6.669941	1.43E-10	2.17E-09	13.52732
POFUT1	212349_PM_at	-1.2	0.3	8.6E-07	209686_PM_at	S100B	0.491034	3.679472	5.126956	5.61E-07	3.75E-06	5.527445
IGFBP5	203424_PM_s_at	-1.2	0.3	6.7E-04	212320_PM_at	TUBB	0.491027	9.974427	7.328152	2.68E-12	5.85E-11	17.4008
RARB	205080_PM_at	-1.2	0.3	6.9E-06	220694_PM_at	ASAP1I1	0.490821	4.084226	5.338035	1.99E-07	1.47E-06	6.524232
ZC3HC1	223163_PM_s_at	-1.2	0.3	1.5E-05	239917_PM_at	VP58	0.489961	5.434589	5.421316	1.31E-07	1.01E-06	6.926461
VWIC2	218775_PM_s_at	-1.2	0.3	3.6E-03	219284_PM_at	HSPBAP1	0.489866	7.116108	6.066678	4.37E-09	4.80E-08	10.20878
ADARB1	203865_PM_s_at	-1.2	0.3	1.7E-04	226835_PM_s_at	C20orf199	0.489658	9.725115	6.41121	6.37E-10	8.36E-09	12.07571
LOC100216545	238473_PM_at	-1.2	0.3	2.1E-05	204601_PM_at	N4BP1	0.489091	6.760013	7.015845	1.82E-11	3.37E-10	15.53156
C12orf10	218220_PM_at	-1.2	0.3	2.6E-04	212982_PM_s_at	TRPV2	0.488714	4.606739	5.602556	5.18E-08	4.41E-07	7.818985
CRABP2	202575_PM_at	-1.2	0.3	1.5E-03	55093_PM_at	CHPF2	0.48846	6.548024	7.120148	9.67E-12	1.87E-10	16.14969
SPTBN2	205155_PM_s_at	-1.2	0.3	3.6E-07	1568780_PM_at	LOC649305	0.488325	4.720316	5.093098	6.60E-07	4.34E-06	5.370625
TRIP4	203732_PM_at	-1.2	0.3	4.7E-05	241824_PM_at	---	0.488226	3.797986	5.15717	4.84E-07	3.29E-06	5.668114
TM9SF4	212194_PM_s_at	-1.2	0.3	5.8E-06	228700_PM_at	CxorF38	0.487969	6.675629	5.389086	1.54E-07	1.17E-06	6.770202
SCP2	201339_PM_s_at	-1.2	0.3	5.2E-04	207988_PM_s_at	ARPC2	0.487844	10.88343	9.298346	4.91E-18	3.23E-16	30.32569
CSRFP2B	225432_PM_s_at	-1.2	0.3	4.3E-08	225921_PM_at	NIN	0.487791	8.256647	6.534908	3.14E-10	4.03E-09	12.76453
PMPCB	201682_PM_at	-1.2	0.3	4.7E-09	213859_PM_x_at	SMARCA5	0.487761	7.6728	7.671739	3.06E-13	8.49E-12	19.51933
NR1D2	209750_PM_at	-1.2	0.3	3.5E-02	219734_PM_at	SIDT1	0.486882	4.020434	6.008775	6.00E-09	6.38E-08	9.902654
UBB	217144_PM_at	-1.2	0.3	2.5E-03	225965_PM_at	DDHD1	0.486835	4.412158	6.876355	4.22E-11	7.22E-10	14.71478
STOML2	215416_PM_s_at	-1.2	0.3	9.5E-05	231775_PM_at	TNFRSF10A	0.486723	5.960654	4.989571	1.08E-06	6.07E-06	4.896438
RNPEPL1	218301_PM_at	-1.2	0.3	1.8E-04	202963_PM_at	RFX5	0.486663	8.303691	9.265139	6.22E-18	4.71E-16	30.0937
SIM1	206876_PM_at	-1.2	0.3	1.7E-02	217513_PM_at	C17orf60	0.486558	4.033794	6.343469	9.36E-10	1.18E-08	11.70259
TP73	1554379_PM_a_at	-1.2	0.3	1.4E-07	229010_PM_at	CBL	0.486412	4.094281	7.497973	9.24E-13	2.18E-11	18.43999
ZNF91	206059_PM_at	-1.2	0.3	8.9E-05	240145_PM_at	---	0.486392	4.247993	5.191435	4.1		

TMED1	203679_PM_at	-1.2	0.3	2.8E-05	1564155_PM_x_at	---	0.48015	4.441236	6.562528	2.67E-10	3.83E-09	12.91964
ANPEP	202888_PM_s_at	-1.2	0.3	6.9E-03	1555214_PM_a_at	CLEC7A	0.479616	3.625787	6.46621	4.66E-10	6.30E-09	12.3808
SLC25A38	217961_PM_at	-1.2	0.3	2.6E-06	105295_PM_s_at	PKNOX1	0.479523	5.572641	6.5919	2.25E-10	3.29E-09	13.0851
SURF6	225038_PM_s_at	-1.2	0.3	6.8E-06	202049_PM_s_at	ZMYM4	0.479407	7.078129	6.5117	3.59E-10	4.99E-09	12.6356
DFFA	203277_PM_at	-1.2	0.3	7.2E-06	236692_PM_at	LOC729839	0.479382	4.596642	5.823289	1.63E-08	1.56E-07	8.93718
ZNF428	215429_PM_s_at	-1.2	0.3	2.8E-06	232135_PM_at	SAP30L	0.479243	5.308179	5.103625	6.27E-07	4.15E-06	5.419289
GALNT9	229451_PM_at	-1.2	0.3	2.0E-04	230492_PM_s_at	GPCPD1	0.479011	4.106211	6.33559	9.79E-10	1.23E-08	11.65938
LOC100132787 /// RNF212	236454_PM_at	-1.2	0.3	3.6E-03	218845_PM_at	DUSP22	0.478292	8.441582	6.680645	1.34E-10	2.05E-09	13.58827
BLCAP	201032_PM_at	-1.2	0.3	1.2E-05	209640_PM_at	PML	0.478018	4.434327	6.507803	3.67E-10	5.09E-09	12.61278
TSPYL1	221493_PM_at	-1.2	0.3	4.6E-07	207992_PM_s_at	AMPD3	0.476951	7.558233	5.225304	3.47E-07	2.43E-06	5.987802
Clorf106	219010_PM_at	-1.2	0.3	2.0E-02	200998_PM_s_at	CKAP4	0.476892	8.554482	6.329101	1.02E-09	1.27E-08	11.62383
DIRA33	215506_PM_s_at	-1.2	0.3	1.8E-02	218953_PM_s_at	PCYOX1L	0.476841	6.589532	5.905439	1.05E-08	1.05E-07	9.361905
ATP5SL	218038_PM_at	-1.2	0.3	2.6E-06	206271_PM_at	TLR3	0.476756	6.994739	4.991408	1.07E-06	6.71E-06	4.904779
ADC	228000_PM_at	-1.2	0.3	3.6E-08	231323_PM_at	PSMB2	0.476634	3.640619	7.622545	4.19E-13	1.07E-11	19.21215
PPP2R5B	204611_PM_s_at	-1.2	0.3	1.1E-05	218092_PM_s_at	AGFG1	0.476127	8.369368	9.089688	2.16E-17	1.24E-15	28.87515
FUT5	211225_PM_at	-1.2	0.3	7.7E-07	204766_PM_s_at	NUDT1	0.475264	5.289648	5.349511	1.88E-07	1.40E-06	6.579359
ALS2CL	222333_PM_at	-1.2	0.3	1.4E-03	204203_PM_at	CEBPG	0.475135	6.516992	5.242745	3.19E-07	2.25E-06	6.070184
YIF1A	202418_PM_at	-1.2	0.3	1.3E-04	214512_PM_s_at	SUB1	0.475055	10.35255	7.561541	6.18E-13	1.51E-11	18.83298
LSM3	202209_PM_at	-1.2	0.3	2.6E-05	222952_PM_s_at	TLR7	0.474996	3.649568	7.333368	2.59E-12	5.67E-11	17.43248
EHPB1	212650_PM_at	-1.2	0.3	6.4E-04	210205_PM_at	B3GALT4	0.474537	5.969392	5.929102	9.23E-09	9.36E-08	9.485094
LCN8	1569614_PM_s_at	-1.2	0.3	2.8E-06	236554_PM_x_at	TMC8	0.47449	3.575567	6.432152	5.66E-10	7.51E-09	12.19165
SHISA2	230493_PM_at	-1.2	0.3	2.8E-02	209451_PM_at	TANK	0.473824	8.258998	6.745937	9.15E-11	1.45E-09	13.96153
FBXO9	210638_PM_s_at	-1.2	0.3	2.1E-04	217503_PM_at	STK17B	0.473764	3.591852	7.754714	1.79E-13	5.00E-12	20.04032
C20orf118	233829_PM_at	-1.2	0.3	3.7E-06	209721_PM_s_at	IFFO1	0.473664	6.515349	5.178811	4.36E-07	2.98E-06	5.769281
CTAGE5	204055_PM_s_at	-1.2	0.3	6.8E-03	228426_PM_at	CLEC2D	0.473462	3.640446	8.66638	4.48E-11	7.63E-10	14.65681
OSBPL1A	200158_PM_s_at	-1.2	0.3	9.2E-05	221514_PM_at	UTP14A	0.473456	6.883124	6.76659	8.10E-11	1.29E-09	14.08013
TMEM205	225003_PM_at	-1.2	0.3	1.0E-03	228937_PM_at	C13orf31	0.473374	7.542115	6.177096	2.38E-07	2.76E-08	10.79871
EXTL2	209537_PM_at	-1.2	0.3	1.9E-05	222685_PM_at	HAUS6	0.473252	6.022449	5.235621	3.17E-07	2.33E-06	6.034807
C16orf70	220601_PM_at	-1.2	0.3	5.8E-08	226909_PM_at	ZNF518B	0.472974	7.353035	5.362304	1.76E-07	1.32E-06	6.640928
REG3A	234280_PM_at	-1.2	0.3	7.7E-05	1553132_PM_a_at	TC2N	0.472435	4.281404	5.832339	1.55E-08	1.49E-07	8.983741
PYCR1	202148_PM_s_at	-1.2	0.3	8.1E-04	231406_PM_at	ORA12	0.472364	7.087463	6.126738	3.14E-09	3.56E-08	10.52867
FGFR3	204379_PM_s_at	-1.2	0.3	4.9E-04	239188_PM_at	PPP2R3C	0.472294	4.914033	5.105023	6.23E-07	4.12E-06	5.425762
METTL6	232102_PM_at	-1.2	0.3	7.4E-07	221007_PM_s_at	FIP1L1	0.472025	8.0035	6.375762	7.80E-10	1.00E-08	11.8801
VSIG2	228232_PM_s_at	-1.2	0.3	9.2E-07	218828_PM_at	PLSCR3	0.471929	7.024816	6.371564	7.99E-10	1.02E-08	11.85999
B4GALNT3	1553727_PM_at	-1.2	0.3	3.8E-06	211764_PM_s_at	UBE2D1	0.471907	8.647385	6.779588	7.50E-11	1.21E-09	14.15491
MAPK15	241357_PM_at	-1.2	0.3	1.5E-04	201722_PM_s_at	GALNT1	0.471875	8.987555	7.891898	7.37E-14	2.22E-12	20.90492
PPP7	224814_PM_at	-1.2	0.3	1.3E-03	200872_PM_at	S100A10	0.471492	11.5574	7.607255	4.61E-13	1.16E-11	19.11861
FAM13A	202973_PM_x_at	-1.2	0.3	1.6E-03	203547_PM_at	CD4	0.471426	5.23989	6.443181	5.31E-10	7.09E-09	12.25283
A4GALT	219488_PM_at	-1.2	0.3	4.2E-04	201648_PM_at	JAK1	0.471234	10.29079	7.442348	1.31E-12	3.02E-11	18.09843
TSNARE1	228862_PM_at	-1.2	0.3	7.5E-05	201842_PM_s_at	EFEM1	0.471029	10.46365	5.811998	1.73E-08	1.64E-07	8.879165
C8orf40	225534_PM_at	-1.2	0.3	3.3E-04	201965_PM_s_at	SETX	0.470605	7.97767	6.057392	4.60E-09	5.02E-08	10.15954
RNF122	219897_PM_at	-1.2	0.3	7.2E-05	204193_PM_at	CHKB	0.470215	8.715475	6.31997	1.07E-09	1.33E-08	11.57385
CFPEDI1	218610_PM_s_at	-1.2	0.3	1.5E-04	221905_PM_at	CYLD	0.470043	6.642787	5.527008	7.64E-08	6.25E-07	7.444106
TMEM98	223170_PM_at	-1.2	0.3	4.0E-03	237105_PM_at	---	0.469349	4.503675	6.865564	4.50E-11	7.66E-10	14.65207
WDR33	218851_PM_s_at	-1.2	0.3	9.9E-05	213373_PM_s_at	CASP8	0.469222	8.351905	7.327786	2.69E-12	5.86E-11	17.39857
TTCS8	216434_PM_at	-1.2	0.3	1.2E-04	225365_PM_at	ZDHHC20	0.469124	8.841477	6.967497	2.44E-11	4.40E-10	15.24717
ICMT	201609_PM_x_at	-1.2	0.3	1.4E-04	230343_PM_at	---	0.469124	4.124227	5.827452	1.59E-08	1.53E-07	8.958591
CHID1	223061_PM_at	-1.2	0.3	9.7E-05	222245_PM_s_at	FER1A	0.468908	3.88041	5.154955	4.89E-07	3.32E-06	5.657775
NUDT16	228341_PM_at	-1.2	0.3	8.6E-03	208433_PM_s_at	LRP8	0.468479	3.906881	7.921385	6.08E-14	1.86E-12	21.09747
TF	203400_PM_s_at	-1.2	0.3	2.0E-03	211989_PM_at	SMARCE1	0.468433	9.05286	6.226905	1.80E-09	2.15E-08	11.06743
OBSL1	212775_PM_at	-1.2	0.3	2.2E-02	222920_PM_s_at	KIAA0748	0.468169	3.916097	6.819458	5.92E-11	9.79E-10	14.38491
TLCLB	206413_PM_s_at	-1.2	0.3	2.8E-07	222986_PM_s_at	SHISA5	0.467804	8.874742	8.622631	5.81E-11	9.62E-10	14.40325
GRIP2	216481_PM_at	-1.2	0.3	1.2E-06	213295_PM_at	CYLD	0.46755	8.002753	7.171004	7.08E-12	1.41E-10	16.45333
RIN1	205211_PM_s_at	-1.2	0.3	2.6E-03	212561_PM_at	DENNDS5A	0.467378	8.998152	7.911756	6.47E-14	1.97E-12	21.03601
SREBF1	202308_PM_at	-1.2	0.3	4.4E-05	1552264_PM_a_at	MAPK1	0.467265	5.613559	5.296645	2.44E-07	1.77E-06	6.326196
ALPPL2	210431_PM_at	-1.2	0.3	3.8E-07	223401_PM_at	C17orf48	0.467207	6.719275	6.245651	1.62E-09	1.96E-08	11.16899
GRK1	208041_PM_at	-1.2	0.3	4.7E-06	208374_PM_s_at	CAPZB1	0.467184	10.12844	9.250577	6.90E-18	4.42E-16	29.9921
TCF7L2	212759_PM_s_at	-1.2	0.3	5.8E-03	216748_PM_at	PYHIN1	0.467091	4.175927	7.449491	1.25E-12	2.91E-11	18.14171
KDR	203934_PM_at	-1.2	0.3	1.9E-03	209575_PM_at	IL10RB	0.467055	7.546063	5.386243	1.56E-07	1.19E-06	6.756456
SSNA1	210378_PM_s_at	-1.2	0.3	6.3E-04	214459_PM_x_at	HLA-C	0.466799	12.22176	8.278404	5.72E-15	2.11E-13	23.40816
RTN4IP1	224509_PM_s_at	-1.2	0.3	3.6E-03	225297_PM_at	HAUS1	0.466741	8.204258	6.914765	3.35E-11	5.88E-10	14.93855
TRPM6	221102_PM_s_at	-1.2	0.3	8.7E-08	234640_PM_x_at	---	0.466496	3.370967	5.457929	1.09E-07	8.54E-07	7.104827
C11orf67	221599_PM_at	-1.2	0.3	2.0E-03	212737_PM_at	GM2A	0.466487	8.751133	5.367247	1.72E-07	1.30E-06	6.664748
ACBD5	225663_PM_at	-1.2	0.3	4.0E-05	243915_PM_at	---	0.466396	4.314762	6.130459	3.80E-09	3.49E-08	10.54856
AP3S2	202398_PM_at	-1.2	0.3	5.9E-07	233476_PM_at	---	0.466215	4.336147	6.325804	1.04E-09	1.30E-08	11.60183
UNTA	206440_PM_at	-1.2	0.3	1.1E-04	213061_PM_at	---	0.466103	6.789301	5.418138	1.33E-07	1.03E-06	6.911019
C1GALT1	219439_PM_at	-1.2	0.3	1.9E-04	1561880_PM_a_at	SIGLEC16	0.466088	3.768555	5.971585	7.35E-09	7.63E-08	9.707215
TMEM56	234980_PM_at	-1.2	0.3	5.2E-03	235221_PM_at	CBLN3	0.466014	4.062373	6.403666	6.64E-10	8.67E-09	12.30402
LOC100128653	236053_PM_at	-1.2	0.3	3.0E-06	230326_PM_s_at	C11orf73	0.465125	8.992351	7.449488	1.25E-12	2.91E-11	18.14169
EVPL1 /// LOC100132977	236933_PM_at	-1.2	0.3	2.3E-05	214787_PM_at	DENNND4A	0.465028	4.660209	5.310987	2.27E-07	1.66E-06	6.394677
COL9A3	204724_PM_s_at	-1.2	0.3	8.9E-03	226981_PM_at	MLL	0.464795	8.286793	6.406605	6.54E-10	8.56E-09	12.05026
CYCS	208905_PM_at	-1.2	0.3	2.5E-03	202443_PM_x_at	NOTCH2	0.464173	9.672277	6.104117	2.02E-10	2.98E-09	13.18969
PINC2	209122_PM_at	-1.2	0.3	2.5E-05	234362_PM_s_at	CTLA4	0.463946	3.415346	7.292133	3.35E-12	7.18E-11	17.18242
BAD	1861_PM_at	-1.2	0.3	6.8E-03	200634_PM_at	PFN1	0.463876	9.864682	5.415102	1.35E-07	1.04E-06	6.896273
DET1	219641_PM_at	-1.2	0.3	8.3E-04	227799_PM_at	MYO1G	0.463828	3.601175	6.770452	7.92E-11	1.27E-09	14.10234
ARMC6	221758_PM_at	-1.2	0.3	6.6E-05	200625_PM_s_at	CAP1	0.463807	10.42739	9.167246	1.25E-17	7.44E-16	29.41231
PSD	208102_PM_s_at	-1.2	0.3	2.8E-04	209876_PM_at	GIT2	0.463753	4.850639	6.283141	1.32E-09	1.61E-08	11.37277
CD83	204440_PM_at	-1.2	0.3	1.1E-02	218257_PM_s_at	UGGT1	0.463482	6.330828	6.528817	3.25E-10	4.57E-09	12.73039
LNX1	223611_PM_s_at	-1.2	0.3	4.3E-03	240591_PM_at	---	0.463401	4.187022	5.582997	5.73E-08	4.84E-07	7.721545
TUBB4Q	211915_PM_s_at	-1.2	0.3	1.4E-07	217823_PM_s_at	UBE2J1	0.463351	8.765688	5.307716	2.31E-07	1.69E-06	6.379045
ZNF395	218149_PM_s_at	-1.2	0.3	1.3E-03	1564154_PM_at	---	0.462951	8.412				

MYL6	214002_PM_at	-1.2	0.3	1.1E-03	212418_PM_at	ELF1	0.458051	7.626684	5.168238	4.59E-07	3.13E-06	5.719808
PPF1A	202065_PM_s_at	-1.2	0.3	6.8E-03	238800_PM_s_at	ZCCHC6	0.457212	4.474808	4.966161	1.21E-06	7.48E-06	4.790328
DLL3	222898_PM_s_at	-1.2	0.3	6.5E-05	241534_PM_at	---	0.456925	9.211127	6.309414	1.13E-09	1.41E-08	11.51612
DFFB	206752_PM_s_at	-1.2	0.3	7.6E-05	224102_PM_at	P2RY12	0.456656	3.372881	7.464215	1.14E-12	2.66E-11	18.23216
CASP9	203984_PM_s_at	-1.2	0.3	3.2E-05	227391_PM_x_at	LRRF1P	0.456478	9.408452	5.699756	3.12E-08	2.80E-07	8.307212
CECR5	218592_PM_s_at	-1.2	0.3	2.2E-05	223394_PM_at	SERTAD1	0.456295	7.256299	5.527409	7.63E-08	6.24E-07	7.446087
UPF1	208947_PM_s_at	-1.2	0.3	7.1E-05	201029_PM_s_at	CD99	0.456099	9.955035	5.008884	9.88E-07	6.23E-06	4.984286
MAGI2	207702_PM_s_at	-1.2	0.3	1.4E-03	212856_PM_at	GRAMD4	0.456044	6.844509	6.345296	9.27E-10	1.17E-08	11.71262
LOC93622	225391_PM_at	-1.2	0.3	7.3E-04	207237_PM_at	KCNK3	0.455993	3.368038	8.249111	6.96E-15	2.52E-13	23.21626
CCDC85C	219018_PM_s_at	-1.2	0.3	1.1E-06	222565_PM_s_at	PRKD3	0.455791	7.185238	5.007964	9.92E-07	6.26E-06	4.980091
GARNL3	223604_PM_at	-1.2	0.3	2.7E-05	234984_PM_at	NEDD1	0.455755	7.961175	5.857996	1.35E-08	1.32E-07	9.116058
APOA1	204450_PM_x_at	-1.2	0.3	4.1E-05	205061_PM_s_at	EXOSC9	0.455716	7.117518	5.802256	1.82E-08	1.72E-07	8.829175
PPFIA3	213368_PM_x_at	-1.2	0.3	5.3E-05	206432_PM_at	HAS2	0.45562	3.65251	6.439816	5.41E-10	7.21E-09	12.23415
KIAA0154	224870_PM_at	-1.2	0.3	3.4E-03	201584_PM_s_at	DDX39	0.455597	8.654897	7.827647	1.12E-07	8.77E-07	7.075789
ZNF316	227170_PM_at	-1.2	0.3	1.2E-07	204048_PM_s_at	PHACTR2	0.455453	8.685766	5.723041	2.76E-08	2.51E-07	8.42515
TRAPP9	221672_PM_s_at	-1.2	0.3	1.0E-04	223556_PM_at	HELLS	0.454945	3.9987	5.973443	7.27E-09	7.56E-08	9.716956
FOXP4	227120_PM_at	-1.2	0.3	1.6E-04	226337_PM_at	GORAB	0.454903	6.970913	5.826238	1.60E-08	1.54E-07	8.952346
ODAM	220133_PM_at	-1.2	0.3	2.1E-03	225366_PM_at	PGM2	0.454722	6.131317	5.362977	1.75E-07	1.32E-06	6.644169
MBD3	202463_PM_s_at	-1.2	0.3	3.0E-04	226077_PM_at	RNF145	0.454702	9.431507	6.646422	1.64E-10	2.47E-09	13.39366
PDIA2	206691_PM_s_at	-1.2	0.3	1.2E-05	225057_PM_at	SLC15A4	0.454602	7.705593	6.881386	4.10E-11	7.04E-10	14.74404
CNGL1	225817_PM_at	-1.2	0.3	1.9E-03	205207_PM_at	IL6	0.454287	3.917471	6.151578	2.74E-09	3.14E-08	10.66266
BBS1	218471_PM_s_at	-1.2	0.3	3.9E-06	231597_PM_x_at	---	0.454076	3.726432	5.16655	4.63E-07	3.15E-06	5.711919
BAIAP3	204874_PM_x_at	-1.2	0.3	5.6E-06	213236_PM_at	SASH1	0.453621	8.22578	5.231494	3.37E-07	3.29E-06	6.017012
NUDT4	206303_PM_s_at	-1.2	0.3	1.2E-02	206370_PM_at	PIK3CG	0.45352	3.674758	7.741554	1.95E-13	5.42E-12	19.95746
C19orf57	206901_PM_at	-1.2	0.3	3.8E-06	205260_PM_s_at	ACYP1	0.453225	7.316913	5.451974	1.12E-07	8.77E-07	7.075789
RBM /// RBMY1A1 /// RBMY1B	216842_PM_x_at	-1.2	0.3	4.8E-04	207643_PM_s_at	TNFRSF1A	0.453081	8.678763	6.189262	2.22E-09	2.60E-08	10.8642
BAT4	225472_PM_at	-1.2	0.3	5.0E-06	225159_PM_s_at	ELK4	0.452959	8.784976	6.42496	5.89E-10	7.78E-09	12.15181
HSDL1	223248_PM_at	-1.2	0.3	3.0E-03	235232_PM_at	GMEB1	0.452687	5.43479	5.310986	9.27E-07	1.66E-06	6.394673
NR113	1570188_PM_at	-1.2	0.3	6.1E-06	218324_PM_s_at	SPATS2	0.452653	6.285839	5.019613	2.39E-07	5.95E-06	5.03207
CEL3	206817_PM_x_at	-1.2	0.3	5.6E-06	205241_PM_at	SCO2	0.45237	8.326041	5.112223	4.95E-08	4.24E-07	7.862253
MTRR	203199_PM_s_at	-1.2	0.3	2.1E-04	243537_PM_at	---	0.452213	4.990119	5.325176	2.12E-07	1.56E-06	6.462573
C11orf51	204218_PM_at	-1.2	0.3	4.3E-03	218663_PM_at	NCAPG	0.452205	3.437251	5.97449	7.23E-09	7.53E-08	9.722446
TMEM159	213272_PM_s_at	-1.2	0.3	1.0E-02	212377_PM_s_at	NOTCH2	0.451113	9.231425	6.542571	3.00E-10	4.26E-09	12.80751
LOC143188	234054_PM_at	-1.2	0.3	1.9E-05	233011_PM_at	ANXA1	0.450596	3.672102	5.047517	8.21E-07	5.29E-06	5.160858
ANAPCS	208721_PM_s_at	-1.2	0.3	1.4E-02	217492_PM_s_at	PTEN /// PTENP1	0.450487	8.195849	6.323765	1.05E-09	1.31E-08	11.59461
LOC100332273 /// LOC100287	228117_PM_at	-1.2	0.3	7.3E-07	228521_PM_s_at	RAB4B	0.450473	7.393177	4.986867	1.10E-06	6.84E-06	4.884159
FBXW2	209630_PM_s_at	-1.2	0.3	2.2E-05	215313_PM_x_at	HLA-A /// LOC441528	0.450441	12.44068	7.819841	1.18E-13	3.40E-12	20.45172
WBSCR16	221247_PM_at	-1.2	0.3	7.1E-08	207723_PM_s_at	KLRC3	0.45028	3.412325	7.630605	3.98E-13	1.03E-11	19.26239
LOC645166	228158_PM_at	-1.2	0.3	2.7E-02	242020_PM_s_at	ZBP1	0.450024	3.579762	6.037404	5.13E-09	5.54E-08	10.05374
TMEM115	216267_PM_s_at	-1.2	0.3	2.8E-04	232623_PM_at	LOC100128751	0.449418	4.005778	6.231448	1.76E-09	2.10E-08	11.09202
EPS8L2	218180_PM_s_at	-1.2	0.3	8.0E-04	225484_PM_at	TSGA14	0.449332	6.504703	5.504924	8.56E-08	6.90E-07	7.335285
BCKDK	202030_PM_at	-1.2	0.3	1.9E-03	204549_PM_at	IKBKE	0.449249	5.02246	6.477656	4.36E-10	5.93E-09	12.44453
MGAT3	208058_PM_s_at	-1.2	0.3	5.5E-06	236717_PM_at	FAM179A	0.448842	4.096086	6.535927	3.12E-10	4.41E-09	12.77024
CHMP4B	225119_PM_at	-1.2	0.3	1.5E-02	36030_PM_at	IFFO1	0.448513	7.081108	5.23688	3.25E-07	2.29E-06	6.050964
KRT222	243998_PM_at	1.2	0.3	1.6E-03	204922_PM_at	CD37	0.44827	3.742261	5.661079	3.82E-08	3.35E-07	8.11215
ZNF518B	226909_PM_at	1.2	0.3	2.9E-05	223381_PM_at	NUF2	0.448247	3.521125	5.683141	3.41E-08	3.02E-07	8.22392
CHD1	235791_PM_x_at	1.2	0.3	2.9E-05	219522_PM_at	FJX1	0.447609	5.507084	5.266527	2.83E-07	2.30E-06	6.182881
BEND3	227920_PM_at	1.2	0.3	2.3E-05	230846_PM_at	AKAP5	0.447569	4.166261	5.569067	6.16E-08	5.16E-07	7.652314
ITPKB	203723_PM_at	1.2	0.3	4.3E-05	212207_PM_at	MED13L	0.447417	7.555464	5.664824	3.75E-08	3.29E-07	8.130994
ZFP36L2	201367_PM_s_at	1.2	0.3	3.7E-04	209798_PM_at	NPAT	0.447213	7.148023	7.000759	2.00E-11	3.66E-10	15.44268
TRIM5	210705_PM_s_at	1.2	0.3	2.5E-06	212756_PM_s_at	UBR2	0.446935	6.695908	7.115775	9.93E-12	1.62E-11	16.12365
SH2D1B	1553177_PM_at	1.2	0.3	2.1E-03	215001_PM_s_at	GLUL	0.446617	10.81691	6.92444	3.16E-11	5.57E-10	14.99505
MANEA	219003_PM_s_at	1.2	0.3	9.1E-03	212860_PM_at	ZDHC18	0.446576	6.186915	5.643982	4.18E-08	3.64E-07	8.026257
ISLR	207191_PM_s_at	1.2	0.3	1.4E-02	201153_PM_s_at	MBNL1	0.446461	9.796858	6.621988	1.89E-10	2.80E-09	13.25515
C20orf94	236390_PM_at	1.2	0.3	3.6E-03	235170_PM_at	ZNF92	0.446393	5.438047	5.283891	2.60E-07	1.88E-06	6.265426
DDX23	201440_PM_at	1.2	0.3	2.1E-06	207113_PM_s_at	TNF	0.446073	4.046573	5.889613	1.14E-08	1.13E-07	9.279726
YTHDC1	212455_PM_at	1.2	0.3	1.8E-03	220990_PM_s_at	MIR21 /// TMEM49	0.446047	9.406249	5.399295	1.46E-07	1.12E-06	6.819615
SDCCA1	1557950_PM_at	1.2	0.3	5.5E-03	203569_PM_s_at	OFD1	0.445827	8.885945	6.185673	2.27E-09	2.64E-08	10.84487
RNF24	204668_PM_at	1.2	0.3	3.4E-04	237322_PM_at	MIAT	0.445666	3.337465	6.592471	2.25E-10	3.28E-09	13.08833
GRIN2A	231384_PM_at	1.2	0.3	2.3E-03	219890_PM_at	CLECSA	0.444559	3.482914	5.619189	4.75E-08	4.09E-07	7.902065
AREG	205239_PM_at	1.2	0.3	1.9E-06	215967_PM_s_at	LY9	0.4444	4.001725	5.94658	8.40E-09	8.59E-08	9.57633
SOS1	212777_PM_at	1.2	0.3	1.3E-02	212295_PM_s_at	SLC7A1	0.444232	7.947734	5.109798	6.09E-07	4.03E-06	5.447866
EIF2C5	213310_PM_at	1.2	0.3	2.3E-03	210052_PM_s_at	TPX2	0.443978	3.848089	5.258865	2.94E-07	2.10E-06	6.14653
HERC2	219863_PM_at	1.2	0.3	1.6E-03	212220_PM_at	PSME4	0.443918	4.723023	5.808017	1.77E-08	1.67E-07	8.858731
DEPDC1	220295_PM_x_at	1.2	0.3	7.6E-07	238600_PM_at	JAKMIP1	0.443832	4.020223	7.288284	3.43E-12	7.33E-11	17.15913
C17orf68	219435_PM_at	1.2	0.3	4.6E-04	222401_PM_s_at	TMEM50A	0.443597	10.39992	7.958165	4.47E-14	1.49E-12	21.33264
RP56K81	204171_PM_at	1.2	0.3	3.6E-04	239963_PM_at	---	0.443317	4.200796	4.964396	1.22E-06	7.53E-06	4.782347
YPEL2	227020_PM_at	1.2	0.3	1.3E-03	219119_PM_at	NAA38	0.443286	8.201761	6.578979	2.43E-10	3.52E-09	13.01225
EXOSC9	205061_PM_s_at	1.2	0.3	4.8E-06	201126_PM_s_at	MGAT1	0.443123	7.393586	6.210708	1.97E-09	2.33E-08	10.97987
HIVEP3	220042_PM_x_at	1.2	0.3	2.1E-06	225160_PM_x_at	MDM2	0.442727	8.001672	6.219333	1.88E-09	2.24E-08	11.02648
ARL9	229062_PM_at	1.2	0.3	4.5E-06	211042_PM_x_at	MCAM	0.442389	7.219165	5.970558	7.38E-09	6.77E-08	9.701831
RABEP2	74694_PM_s_at	1.2	0.3	2.2E-03	226422_PM_at	ERGIC2	0.442324	8.867548	6.085597	3.94E-09	4.36E-08	10.30929
H6PD	221892_PM_at	1.2	0.3	1.9E-04	1552691_PM_at	ARL11	0.441972	3.287223	6.46362	4.73E-10	6.38E-09	12.36399
ORMDL2	218556_PM_at	1.2	0.3	5.1E-05	1570255_PM_s_at	ANKRD20A1 /// ANKRD20A2 /// ANKRD20A3 /// ANKRD20A4 ///	0.441085	3.373324	5.260518	2.92E-07	2.08E-06	6.154367
PHEX	210617_PM_s_at	1.2	0.3	2.3E-03	201306_PM_s_at	ANP32B	0.440651	10.35262	8.587453	7.06E-16	3.08E-14	25.4568
NPF	214184_PM_at	1.2	0.3	5.9E-04	225051_PM_at	EPB41	0.44042	8.794206	6.497275	3.90E-10	5.36E-09	12.55395
C9orf62	223276_PM_at	1.2	0.3	5.0E-03	202303_PM_x_at	SMARCA5	0.439815	7.888514	7.155502	7.79E-12	1.54E-10	16.36062
PSD3	203354_PM_s_at	1.2	0.3	9.0E-03	231165_PM_at	---	0.439622	4.121088	5.912774	1.01E-08	1.01E-07	9.400049
PIK3CG	206369_PM_s_at	1.2	0.3	2.6E-05	204622_PM_x_at	NRA42	0.439284	3.762037	5.890153	1.14E-08	1.13E-07	9.282528
FAM48A	216682_PM_s_at	1.2	0.3	3.3E-05	225530_PM_at	MOBK12A	0.439083	7.365242	5.			

UBQLN2	215884_PM_s_at	1.2	0.3	2.1E-08	210416_PM_s_at	CHEK2	0.43438	4.371768	6.142658	2.88E-09	3.28E-08	10.61385
THOC2	212994_PM_at	1.2	0.3	1.3E-04	2156209_PM_at	CLEC2B	0.434305	3.710031	5.996819	6.40E-09	6.76E-08	8.939723
PLEKHA8 /// PLEKHA9	220157_PM_x_at	1.2	0.3	4.9E-05	229609_PM_at	LOC728190	0.434202	3.600556	6.920684	3.24E-11	5.68E-10	14.97311
ZRANB2	223016_PM_x_at	1.2	0.3	1.1E-04	225325_PM_at	MFSFD6	0.434183	8.057089	5.143346	5.18E-07	3.49E-06	5.603669
ANTXR2	225524_PM_at	1.2	0.3	4.8E-06	210054_PM_at	HAUS3	0.434035	3.665233	6.061897	4.49E-09	4.91E-08	10.18342
IL6R	205945_PM_at	1.2	0.3	8.8E-03	212639_PM_x_at	TUBA1B	0.433972	11.6153	5.814163	1.71E-08	1.63E-07	8.890279
MIR17HG	232291_PM_at	1.2	0.3	8.3E-04	221843_PM_s_at	KIAA1609	0.433817	6.933702	5.526094	7.68E-08	6.27E-07	7.439598
XYLT1	213725_PM_x_at	1.2	0.3	3.8E-05	203029_PM_s_at	PTRPN2	0.433776	7.411316	5.518988	7.96E-08	6.48E-07	7.404459
CD24	208650_PM_s_at	1.2	0.3	7.2E-03	226155_PM_at	ZCCHC6	0.433512	7.315925	5.84561	1.44E-08	1.40E-07	9.052128
TRIP12	201546_PM_at	1.2	0.3	5.6E-05	224908_PM_s_at	TTL	0.433432	7.966548	5.767138	2.19E-08	2.03E-07	8.649525
CSNK1E	202332_PM_at	1.2	0.3	2.0E-05	205046_PM_at	CENPE	0.433423	3.599241	5.858767	1.35E-08	1.31E-07	9.120041
RPS20	200949_PM_x_at	1.2	0.3	1.1E-07	201328_PM_at	ETS2	0.433374	8.442903	6.565231	6.23E-10	3.78E-09	12.93484
STIL	205339_PM_at	1.2	0.3	3.2E-04	239525_PM_at	CTTNBP2NL	0.433199	5.73692	5.208361	3.77E-07	2.62E-06	5.907981
C11orf82	228281_PM_at	1.2	0.3	7.6E-04	155575_PM_a_at	XRN1	0.433141	3.795282	6.460867	4.80E-10	6.48E-09	12.35107
CWF19L2	228916_PM_at	1.2	0.3	1.0E-05	221865_PM_at	C9orf91	0.433048	4.54018	5.272537	2.75E-07	1.98E-06	6.211428
GPSM3	204265_PM_s_at	1.2	0.3	9.8E-05	211063_PM_s_at	NCK1	0.433003	8.797424	7.274194	3.75E-12	7.91E-11	17.07393
ZNF83	221645_PM_s_at	1.2	0.3	4.9E-03	214560_PM_at	FRP3	0.43294	3.964455	5.616551	8.82E-08	4.14E-07	7.888875
KCNH7	224099_PM_at	1.2	0.3	1.6E-02	231780_PM_at	GBGT1	0.432854	5.215314	5.504141	4.85E-08	6.93E-07	7.331433
SNORD104	228879_PM_at	1.2	0.3	4.9E-03	222889_PM_at	DCLRE1B	0.432643	4.984996	5.241912	3.20E-07	2.26E-06	6.066245
SMYD2	212921_PM_at	1.2	0.3	3.0E-04	201887_PM_at	IL13RA1	0.432381	8.915399	7.327529	2.69E-12	5.87E-11	17.39701
FAM156A /// FAM156B	223203_PM_at	1.2	0.3	1.0E-04	226534_PM_at	KITLG	0.43223	10.03193	5.529051	7.56E-08	6.19E-07	7.454193
C9orf135	236519_PM_at	1.2	0.3	9.0E-03	218977_PM_s_at	TRNAU1AP	0.431925	6.55276	5.817468	1.68E-08	1.60E-07	8.907257
LOC100132741	1556402_PM_at	1.2	0.3	9.8E-04	200814_PM_at	PSME1	0.431652	10.75802	9.292419	5.12E-18	1.35E-16	30.28425
ZFAND6	239757_PM_at	1.2	0.3	3.2E-02	226348_PM_at	---	0.431413	8.064086	5.278562	2.67E-07	1.92E-06	6.240071
SRP19	205335_PM_s_at	1.2	0.3	3.0E-06	209061_PM_at	NCOA3	0.431348	7.663049	6.566697	2.61E-10	3.75E-09	12.94009
ZNF700	223590_PM_at	1.2	0.3	3.7E-03	207168_PM_s_at	H2AFY	0.431224	10.1841	10.13046	1.15E-20	1.10E-18	36.26958
PDSSB	204742_PM_s_at	1.2	0.3	9.7E-04	223274_PM_at	TCF19	0.430964	4.479995	5.895844	1.10E-08	1.37E-07	9.312061
LOC729806	217544_PM_at	1.2	0.3	1.1E-03	211565_PM_at	SH3GL3	0.430831	3.61069	5.524249	7.75E-08	6.32E-07	7.430492
CD79A	205049_PM_s_at	1.2	0.3	4.0E-03	225618_PM_at	ARHGAP27	0.430745	6.174407	5.051159	8.07E-07	5.20E-06	5.177559
MEF2A	208328_PM_s_at	1.2	0.3	1.4E-04	209534_PM_x_at	AKAP13	0.430605	7.7116	5.562538	6.37E-08	5.31E-07	7.619909
ENDOD1	212570_PM_at	1.2	0.3	8.3E-03	215501_PM_s_at	DUSP10	0.430519	4.795208	5.122908	5.72E-07	3.82E-06	5.508652
ARNTL	209824_PM_s_at	1.2	0.3	9.7E-03	204621_PM_s_at	NRAA2	0.430514	3.646299	5.717799	2.84E-08	2.57E-07	8.398566
NOTCH2	202443_PM_x_at	1.2	0.3	3.2E-03	209939_PM_x_at	CFLAR	0.430369	9.033518	5.13227	5.46E-07	3.67E-06	5.55214
FAM3C	201889_PM_at	1.2	0.3	8.8E-04	224450_PM_s_at	RIOK1	0.430293	6.432229	5.727122	2.71E-08	2.46E-07	8.445857
TBX19	206838_PM_at	1.2	0.3	3.4E-05	201319_PM_at	MYL12A	0.430135	10.60053	6.550489	2.87E-10	4.08E-09	12.85197
EXO5C1	222609_PM_s_at	1.2	0.3	1.2E-10	214141_PM_x_at	SFRS7	0.430122	10.05895	5.772695	2.13E-08	1.98E-07	8.677899
NXF1	208922_PM_s_at	1.2	0.3	2.6E-04	222292_PM_at	CD40	0.429929	3.774426	6.237051	1.70E-09	2.05E-08	11.12237
LOC642236	240246_PM_at	1.2	0.3	3.5E-02	205299_PM_s_at	BTN2A2	0.429816	3.874289	8.514332	1.16E-15	4.86E-14	24.96818
C10orf26	202808_PM_at	1.2	0.3	1.3E-07	218649_PM_x_at	SDCCAG1	0.429513	8.44656	6.173591	2.42E-09	2.81E-08	10.77986
HOKA11	208493_PM_at	1.2	0.3	6.9E-05	212636_PM_at	QKI	0.429466	8.952038	5.51097	8.30E-08	6.72E-07	7.365045
PRR14	218714_PM_at	1.2	0.3	4.8E-05	228461_PM_at	SH3RF3	0.429309	6.437435	5.356361	1.81E-07	1.36E-06	6.612311
SIGLECP3	232686_PM_at	1.2	0.3	1.7E-04	228164_PM_at	AP4E1	0.428866	7.465333	5.563672	6.33E-08	5.29E-07	7.625536
NTAN1	213061_PM_s_at	1.2	0.3	4.0E-04	203510_PM_at	MET	0.428224	9.63823	5.182524	4.28E-07	2.93E-06	5.786672
MIDN	225954_PM_s_at	1.2	0.3	4.0E-03	243099_PM_at	NFAM1	0.427781	4.522746	6.63476	1.76E-10	2.62E-09	13.32751
SPP1	209875_PM_s_at	1.2	0.3	1.0E-03	212846_PM_at	RRP1B	0.427722	7.911376	5.648984	4.07E-08	3.55E-07	8.051365
RBP1	203423_PM_at	1.2	0.3	8.7E-05	240498_PM_at	---	0.427043	3.611132	7.234097	4.80E-12	9.88E-11	16.83207
SSB	201138_PM_s_at	1.2	0.3	3.1E-04	226853_PM_at	BMP2K	0.426981	7.111332	5.452863	1.12E-07	8.74E-07	7.080129
POLE4	225844_PM_at	1.2	0.3	3.8E-04	39582_PM_at	CYLD	0.426885	7.406388	6.494419	3.96E-10	5.44E-09	12.53801
TLC2D	241359_PM_at	1.2	0.3	4.2E-04	226887_PM_at	HSPA14	0.426309	5.873651	5.961591	7.75E-09	7.99E-08	9.654852
PPP3CC	207000_PM_s_at	1.2	0.3	4.0E-04	210017_PM_at	MALT1	0.426208	7.432715	5.989228	6.67E-09	7.01E-08	9.799817
CD151	204306_PM_s_at	1.2	0.3	1.8E-03	202193_PM_at	LIMK2	0.426058	6.249449	5.350958	1.86E-07	1.39E-06	6.586314
NCAPD3	212789_PM_at	1.2	0.3	1.4E-04	221092_PM_at	IKZF3	0.426018	3.24	6.903644	3.58E-11	6.24E-10	14.87367
ZSWIM6	226208_PM_at	1.2	0.3	1.1E-03	233805_PM_at	---	0.425973	3.560446	5.195212	4.02E-07	2.77E-06	5.846183
PARP15	1564310_PM_a_at	1.2	0.3	2.5E-06	228401_PM_at	ATAD2	0.425904	4.093297	4.993327	1.06E-06	6.66E-06	4.913501
NCRNA00081	213224_PM_s_at	1.2	0.3	2.5E-05	227199_PM_at	DIP2A	0.425745	7.54906	5.340039	1.97E-07	1.46E-06	6.533851
NFAM1	230322_PM_at	1.2	0.3	3.6E-04	215435_PM_at	---	0.424737	4.04537	5.799272	1.85E-08	1.74E-07	8.813882
NOL12 /// TRIOBP	210276_PM_s_at	1.2	0.3	1.2E-05	210986_PM_s_at	TPM1	0.424701	11.21125	6.212628	1.95E-09	2.31E-08	10.99024
1-Sep	227552_PM_at	1.2	0.3	5.5E-04	56197_PM_at	PLSCR3	0.424491	8.545538	6.262859	1.47E-09	1.79E-08	11.26241
MED30	227786_PM_at	1.2	0.3	3.6E-04	230906_PM_at	GALNT10	0.424398	4.58921	5.170807	4.53E-07	3.09E-06	5.731823
LOC100289068 /// LOC642236	215160_PM_x_at	1.2	0.3	3.6E-04	213513_PM_x_at	ARPC2	0.424275	11.05835	10.04145	2.22E-20	2.46E-18	35.62289
MAP2	225540_PM_at	1.2	0.3	1.2E-02	227368_PM_at	---	0.424215	5.418439	5.177828	4.38E-07	3.00E-06	5.764677
SON	201085_PM_s_at	1.2	0.3	1.5E-04	219691_PM_at	SAMD9	0.424047	4.715632	5.362527	1.76E-07	1.32E-06	6.641999
RUNX1T1	205528_PM_s_at	1.2	0.3	1.7E-03	201970_PM_s_at	NASP	0.424043	8.723136	5.12632	5.62E-07	3.76E-06	5.524495
GRIK2	213845_PM_at	1.2	0.3	8.6E-04	218014_PM_at	NUP85	0.423313	3.79485	6.798077	6.73E-11	1.10E-09	14.26145
MAP4K4	206571_PM_s_at	1.2	0.3	1.3E-03	222728_PM_s_at	TAZF1D	0.423125	9.672649	6.384868	7.41E-10	9.57E-09	11.93027
WYWC3	219520_PM_s_at	1.2	0.3	3.8E-05	200772_PM_x_at	PTMA	0.422954	12.17767	7.854225	9.42E-14	2.78E-12	20.6698
HOKA1	214639_PM_s_at	1.2	0.3	1.6E-04	208878_PM_s_at	PAK2	0.422902	7.40626	6.762926	8.28E-11	1.32E-09	14.05907
LOC100287379 /// UBE2B	228588_PM_s_at	1.2	0.3	2.4E-02	226135_PM_at	UHRF1BP1	0.422893	7.493521	6.368415	8.13E-10	1.04E-08	11.83966
FLT3LG	206980_PM_s_at	1.2	0.3	5.5E-04	208752_PM_x_at	NAP1L1	0.422659	10.55052	5.87395	1.24E-08	1.22E-07	9.19856
FARS5 /// TRIM61	232063_PM_x_at	1.2	0.3	4.9E-04	207338_PM_s_at	ZNF200	0.422329	5.754034	4.991824	1.07E-06	6.70E-06	4.906671
TMEM189	223186_PM_at	1.2	0.3	3.3E-05	210797_PM_s_at	OASL	0.422079	4.463924	5.701196	3.10E-08	2.78E-07	8.314493
KPNA5	206241_PM_at	1.2	0.3	1.5E-02	208919_PM_s_at	NADK	0.42162	8.524223	7.992398	3.80E-14	1.21E-12	21.55559
PFKB4	228499_PM_at	1.2	0.3	3.2E-04	233197_PM_at	KLHL9	0.421411	4.754804	5.528718	7.58E-08	6.20E-07	7.452549
TBC1D12	221858_PM_at	1.2	0.3	1.2E-03	213864_PM_s_at	NAP1L1	0.421325	10.23489	6.427279	5.82E-10	7.70E-09	12.16465
PAMR1	213661_PM_at	1.2	0.3	4.2E-02	213483_PM_at	PPWD1	0.421131	8.113997	5.9916	6.59E-09	6.94E-08	9.812282
PCMTD1	226119_PM_at	1.2	0.3	1.6E-03	204767_PM_s_at	FEN1	0.42107	7.316094	5.773662	2.12E-08	1.97E-07	8.682835
SNHG6	225547_PM_at	1.2	0.3	1.4E-06	206924_PM_at	IL11	0.42052	6.6247964	5.282259	6.62E-07	1.89E-06	6.257659
PILRB	220954_PM_s_at	1.2	0.3	6.6E-03	210594_PM_x_at	MPZL1	0.420356	6.053167	5.038256	8.59E-07	5.50E-06	5.118428
FOXM1	202580_PM_x_at	1.2	0.3	8.4E-05	209579_PM_s_at	MBD4	0.420213	9.308428	6.129008	3.10E-09	3.52E-08	10.5408
BAT1	200041_PM_s_at	1.2	0.3	2.2E-05	239835_PM_at	KBTBD8	0.420216	3.809105	6.934937	2.97E-11	5.26E-10	15.05641
EEF1D	203113_PM_s_at	1.2	0.3	2.0E-04	244822_PM_at							

WDR67	214061_PM_at	1.2	0.3	4.0E-07	225699_PM_at	C7orf40	0.414764	6.943062	5.559707	6.48E-08	5.40E-07	7.602745
CKS2	204170_PM_s_at	1.2	0.3	2.5E-02	240260_PM_at	---	0.414526	4.111684	6.402803	6.69E-10	8.71E-10	12.02925
ANKRD13A	224810_PM_s_at	1.2	0.3	1.2E-05	222630_PM_at	RFK7	0.414589	8.257568	6.06157	4.50E-09	4.92E-08	10.18169
BDKRB2	205870_PM_at	1.2	0.3	1.5E-02	1570165_PM_at	---	0.414378	3.646088	5.991297	6.57E-09	6.93E-08	9.814001
SGBP2	238567_PM_at	1.2	0.3	8.6E-03	203345_PM_s_at	MTF2	0.413943	8.014526	5.429349	1.26E-07	9.76E-07	6.965522
ID3	207826_PM_s_at	1.2	0.3	1.9E-03	217863_PM_at	PIAS1	0.413247	7.576997	5.924092	9.49E-09	9.59E-08	9.458984
CCT6P1 /// CCT6P3	227301_PM_at	1.2	0.3	1.4E-05	242408_PM_at	STYX	0.412656	4.247715	5.657559	3.89E-08	3.41E-07	8.094449
LILRA5	215838_PM_at	1.2	0.3	1.2E-03	203765_PM_at	GCA	0.412649	8.52227	6.907784	3.50E-11	6.11E-10	14.89782
PPAPDC1B	223568_PM_s_at	1.2	0.3	1.1E-03	219441_PM_s_at	LRRK1	0.412396	4.865746	7.763763	1.69E-13	4.74E-12	20.09735
MTDH	212248_PM_at	1.2	0.3	5.4E-06	213682_PM_at	NUP50	0.412158	8.884858	7.205993	5.71E-12	1.16E-10	16.66308
TRAM1	201398_PM_s_at	1.2	0.3	2.9E-02	213698_PM_at	ZMYM6	0.411817	9.432124	7.688697	2.74E-13	7.33E-12	19.62552
C7orf31	229146_PM_at	1.2	0.3	3.3E-04	219788_PM_at	PIRLA	0.411643	4.216438	5.359885	1.78E-07	1.34E-06	6.629278
TNFRSF11A	207037_PM_at	1.2	0.3	2.4E-06	200921_PM_s_at	BTG1	0.411294	10.38561	6.023018	5.55E-09	5.95E-08	9.97775
TFPT	218996_PM_at	1.2	0.3	1.1E-03	208634_PM_s_at	MACF1	0.411197	10.24457	6.584621	2.35E-10	3.41E-09	13.04405
LOC200030 /// NBPF1 /// NBPF	226740_PM_x_at	1.2	0.3	3.6E-05	203418_PM_at	CNNA2	0.411075	3.683683	5.987871	6.72E-09	7.06E-08	9.792687
DNAIC5B	232798_PM_at	1.2	0.3	8.4E-04	212919_PM_at	DCP2	0.410194	8.816381	6.484477	4.19E-10	5.73E-09	12.48255
NUP93	202188_PM_at	1.2	0.3	4.5E-05	209054_PM_s_at	WHSC1	0.410017	6.953083	6.04784	4.85E-09	5.26E-08	10.10894
NLRCA	1552553_PM_a_at	1.2	0.3	6.3E-04	226562_PM_at	ZSCAN29	0.409816	7.62913	5.311318	2.27E-07	1.66E-06	6.396261
FAM40B	231880_PM_at	1.2	0.3	3.4E-02	225414_PM_at	RNF149	0.409784	9.153618	7.246912	4.44E-12	9.24E-11	16.90927
ZDHHC13	219296_PM_at	1.2	0.3	8.9E-06	236172_PM_at	LTB4R	0.409605	3.878625	8.039999	2.79E-14	9.05E-13	21.85829
LOC646014	238715_PM_at	1.2	0.3	4.5E-04	235252_PM_at	KSR1	0.409414	7.489573	5.26412	2.87E-07	2.05E-06	6.171456
UHRF2	225610_PM_at	1.2	0.3	7.7E-05	213361_PM_at	TDRD7	0.40893	7.493906	6.125739	3.16E-09	3.58E-08	10.52332
CCDC111	227157_PM_at	1.2	0.3	3.5E-04	201960_PM_s_at	MYCBP2	0.408797	9.648277	6.525953	3.30E-10	4.74E-09	12.71434
LIPA	201847_PM_at	1.2	0.3	5.5E-08	244154_PM_at	DDHD1	0.408791	4.196527	5.620635	4.72E-08	4.06E-07	7.909296
SIT1	205484_PM_at	1.2	0.3	2.5E-04	212433_PM_x_at	RP52	0.408566	11.88404	6.17388	2.42E-09	2.81E-08	10.78141
C3orf14	219288_PM_at	1.2	0.3	4.2E-04	222610_PM_s_at	S100BPB	0.408271	5.793244	5.891358	1.13E-08	1.12E-07	9.288779
U2AF1	231904_PM_at	1.2	0.3	2.7E-03	1555977_PM_at	---	0.408002	3.791568	6.41385	6.28E-10	8.24E-09	12.09031
NSUN5	203802_PM_x_at	1.2	0.3	1.4E-07	225814_PM_at	XRN1	0.407818	8.556021	5.764373	2.22E-08	2.06E-07	8.635418
PARP4	202239_PM_x_at	1.2	0.3	6.6E-04	226227_PM_x_at	C20orf199	0.407673	10.48544	6.405868	6.57E-10	8.59E-09	12.04618
CAV2	203323_PM_at	1.2	0.3	5.2E-03	216526_PM_x_at	HLA-C	0.40762	12.41934	7.9567	4.83E-14	1.50E-12	21.32326
NAA25	225888_PM_at	1.2	0.3	4.7E-04	229174_PM_at	C3orf38	0.407579	6.898404	5.784051	2.00E-08	1.88E-07	8.735942
PP1B	200967_PM_at	1.2	0.3	2.2E-08	203743_PM_s_at	TDG	0.407145	7.768499	5.482372	9.60E-08	7.65E-07	7.224518
APOBEC3C	209584_PM_x_at	1.2	0.3	7.6E-05	212967_PM_x_at	NAP1L1	0.406916	10.31697	6.819476	5.92E-11	9.79E-10	14.38501
LEPRE1	220750_PM_s_at	1.2	0.3	2.4E-05	232405_PM_at	---	0.406891	4.337237	5.144999	5.14E-07	3.47E-06	5.611365
DNAJC1	218409_PM_s_at	1.2	0.3	1.7E-07	212781_PM_at	RBBP6	0.406861	7.15489	8.86762	1.28E-08	1.26E-07	9.165808
ARHGGEF2	207629_PM_s_at	1.2	0.3	1.2E-06	204076_PM_s_at	ENTPD4	0.406741	8.670599	6.848598	4.98E-11	8.40E-10	14.55361
AURKA	204092_PM_s_at	1.2	0.3	1.7E-03	230052_PM_s_at	NFKBID	0.406685	3.968731	6.192674	2.18E-09	2.55E-08	10.88258
GTF2E2	202680_PM_at	1.2	0.3	8.9E-05	209959_PM_at	NRA43	0.406684	4.012343	5.518678	7.98E-08	6.49E-07	7.403019
C7orf28B	215024_PM_at	1.2	0.3	1.3E-03	232525_PM_at	---	0.406425	4.139058	5.691817	3.26E-08	2.90E-07	8.267088
SP3	213168_PM_at	1.2	0.3	1.6E-04	204444_PM_at	KIF11	0.406239	3.650409	5.562497	6.37E-08	5.31E-07	7.619708
PCDP1	231043_PM_at	1.2	0.3	3.1E-03	227534_PM_at	C9orf21	0.406162	7.150034	5.296091	2.45E-07	1.78E-06	6.323555
MORC3	213000_PM_at	1.2	0.3	2.6E-04	1569594_PM_a_at	SDCCAG1	0.405839	9.181561	5.337974	1.99E-07	1.47E-06	6.52394
C12orf32	225836_PM_s_at	1.2	0.3	2.4E-04	222958_PM_s_at	DEPDC1	0.405663	3.516098	5.709434	2.97E-08	2.67E-07	8.356183
PLIN3	202122_PM_s_at	1.2	0.3	1.9E-03	218750_PM_at	TAZF10	0.405147	7.45648	5.235093	3.31E-07	2.33E-06	6.034011
ZNF800	227101_PM_at	1.2	0.3	5.6E-04	214061_PM_at	WDR67	0.405057	4.841137	5.109967	6.09E-07	4.03E-06	5.44865
SPARCL1	200795_PM_at	1.2	0.3	2.0E-02	204958_PM_at	PLK3	0.405014	4.067633	5.882182	1.19E-08	1.17E-07	9.241199
PTEN	204053_PM_x_at	1.2	0.3	2.8E-05	38269_PM_at	PRKD2	0.404373	7.690217	4.989709	1.08E-06	6.76E-06	4.897062
PPP1CB	201407_PM_s_at	1.2	0.3	1.8E-05	216133_PM_at	TRA@A	0.404206	3.522411	8.571311	7.88E-16	3.41E-14	25.34872
MCM3	201555_PM_at	1.2	0.3	1.4E-04	232725_PM_s_at	MS4A6A	0.404171	3.473029	5.2521	3.04E-07	2.16E-06	6.114466
HAUS2	220071_PM_x_at	1.2	0.3	5.0E-06	231855_PM_at	KIAA1524	0.404079	4.184631	6.074637	4.19E-09	4.61E-08	10.25104
LY6E	202145_PM_at	1.2	0.3	4.1E-03	200003_PM_s_at	RP128	0.403987	12.12827	8.503147	1.25E-15	5.21E-14	24.89365
TLR3	206271_PM_at	1.2	0.3	1.5E-03	226153_PM_s_at	CNOT6L	0.403938	8.855486	7.520929	7.99E-13	1.91E-11	18.58166
REG3G	231661_PM_at	1.2	0.3	1.2E-02	205863_PM_at	S100A12	0.403757	3.79819	5.885109	1.17E-08	1.16E-07	9.256366
COMMD2	232491_PM_at	1.2	0.3	2.7E-05	204641_PM_at	NEK2	0.403434	3.442096	6.940971	2.87E-11	5.09E-10	15.09172
USP15	209475_PM_at	1.2	0.3	4.9E-04	206723_PM_s_at	LPAR2	0.403334	5.001764	5.31407	2.24E-07	1.64E-06	6.409415
ADAM12	202952_PM_s_at	1.2	0.3	1.0E-03	223411_PM_at	MIF4GD	0.403333	8.67867	6.022256	5.57E-09	5.97E-08	9.973727
NIN	223981_PM_at	1.2	0.3	1.4E-05	217931_PM_at	CNPY3	0.403181	6.693961	5.044895	8.32E-07	5.35E-06	5.148836
SRM	201516_PM_at	1.2	0.3	1.1E-03	214911_PM_s_at	BRD2	0.403	9.783972	5.969401	7.43E-09	7.71E-08	9.695763
HPRT1	202854_PM_at	1.2	0.3	1.4E-05	201731_PM_s_at	TPR	0.402942	8.880451	5.687743	3.33E-08	2.96E-07	8.246513
LOC644656	229870_PM_at	1.2	0.3	3.2E-03	207681_PM_at	CXCR3	0.402874	4.163244	6.054958	4.66E-09	5.08E-08	10.14664
WRN	205667_PM_at	1.2	0.3	4.4E-04	225099_PM_at	FBXO45	0.402837	6.953991	5.588255	5.58E-08	4.72E-07	7.747714
SELS	223209_PM_s_at	1.2	0.3	5.5E-06	203490_PM_at	ELF4	0.40271	4.858471	6.482076	4.25E-10	5.80E-09	12.46916
NBPF10 /// NBPF15 /// NBPF16	201103_PM_x_at	1.2	0.3	1.7E-04	204425_PM_at	ARHGAP38	0.402658	4.527859	6.326377	1.03E-09	1.29E-08	11.60891
C3orf38	226524_PM_at	1.2	0.3	1.6E-04	218738_PM_at	RNF134	0.402599	8.114341	5.251154	3.06E-07	2.17E-06	6.109986
CACNG8	234756_PM_at	1.2	0.3	1.7E-02	208549_PM_x_at	PTMA	0.402196	10.9973	7.494262	9.46E-13	2.23E-11	18.41711
CHST2	203921_PM_at	1.2	0.3	1.2E-03	226320_PM_at	THOC4	0.402163	8.352553	6.566192	2.62E-10	3.76E-09	12.94025
SUPT16H	217815_PM_at	1.2	0.3	1.2E-03	203853_PM_s_at	GAB2	0.401784	6.580377	6.029632	5.35E-09	5.76E-08	10.01267
ZNF766	227284_PM_at	1.2	0.3	2.8E-06	211573_PM_x_at	TGM2	0.400925	3.841257	5.402129	1.44E-07	1.11E-06	6.833348
C1orf131	226242_PM_at	1.2	0.3	7.8E-05	203596_PM_s_at	IFIT5	0.400801	7.364737	5.807653	1.77E-08	1.68E-07	8.85686
IQCB1	205995_PM_x_at	1.2	0.3	1.9E-04	218076_PM_s_at	ARHGAP17	0.400533	8.792871	6.506907	3.69E-10	5.10E-09	12.60776
C14orf129	223239_PM_at	1.2	0.3	2.1E-06	224841_PM_x_at	GASS	0.400485	10.2117	5.59292	5.45E-08	4.62E-07	7.770947
CWC27	223337_PM_at	1.2	0.3	1.1E-05	229926_PM_at	---	0.40033	4.858794	5.566958	6.23E-08	5.21E-07	7.641843
SNRPD2	200826_PM_at	1.2	0.3	7.0E-07	210865_PM_at	FASLG	0.400214	4.111552	7.354842	2.27E-12	5.01E-11	17.56308
TGFBR2	207334_PM_s_at	1.2	0.3	3.3E-05	235695_PM_at	INPP4A	0.400171	4.749709	5.188067	4.16E-07	2.86E-06	5.812656
TGFBR1	224793_PM_s_at	1.2	0.3	5.4E-05	215275_PM_at	TRAF3IP3	0.399821	3.878063	5.565678	6.27E-08	5.24E-07	7.635489
TMEM119	227300_PM_at	1.2	0.3	6.9E-03	239671_PM_at	---	0.399817	3.718597	6.396043	6.95E-10	9.02E-09	11.99192
LOC100132884	228899_PM_at	1.2	0.3	7.7E-05	224896_PM_s_at	TTL	0.39974	7.967466	5.953083	8.11E-09	8.32E-08	9.610328
ZNF559	224518_PM_s_at	1.2	0.3	7.0E-03	200782_PM_at	ANXA5	0.399731	10.62907	6.566784	2.61E-10	3.75E-09	12.94358
PAN3	225563_PM_at	1.2	0.3	1.3E-05	216038_PM_x_at	D3X7	0.399285	6.545622	5.63875	4.29E-08	3.73E-07	8.000014
GPC4	204983_PM_s_at	1.2	0.3	5.2E-03	231871_PM_at	GPR180	0.39877	5.994185	5.677699	3.51E-08	3.11E-07	8.195845
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RASSF6	229147_PM_at	1.2	0.3	2.4E-02	202484_PM_s_at	MBD2	0.393515	9.804424	7.343993	2.43E-12	5.33E-11	17.49707
ERN1	235745_PM_at	1.2	0.3	2.2E-04	228033_PM_at	E2F7	0.393422	3.304875	6.545629	2.95E-10	4.19E-09	12.82468
IAH1	225908_PM_at	1.2	0.3	2.0E-07	231714_PM_s_at	AP4B1	0.392885	7.706797	6.769211	7.98E-11	1.28E-09	14.09521
RUS7L	221205_PM_x_at	1.2	0.3	4.3E-05	225176_PM_at	---	0.392759	9.50233	5.330021	2.07E-07	1.53E-06	6.485789
PRPF6	208879_PM_x_at	1.2	0.3	1.8E-04	226496_PM_at	ZCCHC7	0.392632	6.635182	5.56997	6.13E-08	5.14E-07	7.656798
RPL13A	200715_PM_x_at	1.2	0.3	4.8E-09	202603_PM_at	ADAM10	0.392564	9.702127	6.096146	3.72E-09	4.15E-08	10.36543
YLP1M1	212787_PM_at	1.2	0.3	1.5E-03	222640_PM_at	DNMT3A	0.392446	6.341889	5.48843	9.31E-08	7.45E-07	7.254237
TNIP2	218335_PM_x_at	1.2	0.3	7.7E-06	227761_PM_at	MYO5A	0.392211	7.944453	5.248597	3.10E-07	2.19E-06	6.097876
RPL36AL	207585_PM_s_at	1.2	0.3	2.5E-07	211926_PM_s_at	MYH9	0.39138	9.51569	5.551985	6.72E-08	5.58E-07	7.567598
CEBP3	204203_PM_at	1.2	0.3	4.6E-05	201936_PM_s_at	EIF4G3	0.391246	7.964543	5.634898	4.38E-08	3.80E-07	7.980702
GPATCH4	224632_PM_at	1.2	0.3	4.8E-03	213677_PM_s_at	PMS1	0.391153	8.238319	5.997737	6.37E-09	6.74E-08	9.844549
UBP1	218082_PM_s_at	1.2	0.3	7.5E-08	206039_PM_at	RAB33A	0.390691	3.353001	6.804068	6.49E-11	1.06E-09	14.29602
ZCCHC7	226496_PM_at	1.2	0.3	9.8E-09	214501_PM_s_at	H2AFY	0.390372	9.922582	6.731265	9.98E-11	1.56E-09	13.87743
PRKCI	209677_PM_at	1.2	0.3	1.3E-02	202786_PM_at	STK39	0.390323	7.952393	6.155794	2.68E-09	3.07E-08	10.68427
CDC59	218936_PM_s_at	1.2	0.3	9.9E-07	227854_PM_at	---	0.390189	6.581482	5.566849	6.23E-08	5.21E-07	7.641303
LPAR5	230252_PM_at	1.2	0.3	1.2E-05	243213_PM_at	STAT3	0.390096	8.822249	5.973369	7.27E-09	7.56E-08	9.716568
SCGB2A1	205979_PM_at	1.2	0.3	3.1E-02	213616_PM_at	C18orf10	0.389846	7.291041	5.482095	9.61E-08	7.66E-07	7.223161
RFC2	1053_PM_at	1.2	0.3	8.5E-04	225579_PM_at	PQLC3	0.389725	8.840793	5.270384	2.78E-07	2.00E-06	6.201197
BHLHE41	221530_PM_s_at	1.2	0.3	3.1E-04	217789_PM_at	SNX6	0.388991	8.326931	6.186642	2.26E-09	2.63E-08	10.85008
FAM125A	227864_PM_s_at	1.2	0.3	2.3E-05	228490_PM_at	ABHD2	0.388835	4.595089	5.098533	6.43E-07	4.24E-06	5.39574
LRRC49	219338_PM_s_at	1.2	0.3	9.6E-04	219492_PM_at	CHIC2	0.388585	8.397196	6.348071	9.12E-10	1.16E-08	11.72785
SNORA37	236130_PM_at	1.2	0.3	8.9E-08	236165_PM_at	---	0.388419	4.309576	6.036518	5.16E-09	5.57E-08	10.04905
PAK2	205962_PM_at	1.2	0.3	2.1E-04	223186_PM_at	TMEM189	0.388308	6.044882	5.022439	9.26E-07	5.88E-06	5.046107
UBLPC1	227413_PM_at	1.2	0.3	2.1E-05	212447_PM_at	KBTBD2	0.388218	8.008	6.875324	4.25E-11	7.26E-10	14.70878
ARRB1	218832_PM_x_at	1.2	0.3	1.4E-03	203480_PM_s_at	OTUD4	0.388058	9.258867	5.730155	2.68E-08	2.42E-07	8.461257
MGC11082	223974_PM_at	1.2	0.3	4.5E-05	236288_PM_at	RNF34	0.387808	4.803018	5.263598	2.87E-07	2.05E-06	6.168978
NCBP1	209520_PM_s_at	1.2	0.3	3.6E-03	218751_PM_s_at	FBXW7	0.387516	6.732411	5.137138	5.34E-07	3.60E-06	5.574774
C11orf17 /// NUAQ2	220987_PM_s_at	1.2	0.3	1.3E-02	222602_PM_at	UBA6	0.387293	7.92495	5.987943	6.72E-09	7.06E-08	9.793065
MYH9	211926_PM_s_at	1.2	0.3	1.6E-04	211882_PM_x_at	XPO6	0.387173	7.931745	7.611216	4.50E-13	1.14E-11	19.14158
LOC544433	227474_PM_at	1.2	0.3	1.6E-03	222976_PM_s_at	TPM3	0.387163	10.92825	7.527242	7.90E-13	1.89E-11	18.59286
ADRBK2	204183_PM_s_at	1.2	0.3	6.6E-05	212594_PM_at	PDCD4	0.386887	7.16073	5.217818	3.60E-07	2.51E-06	5.952508
NOF2	214427_PM_at	1.2	0.3	7.9E-07	205011_PM_at	VWASA	0.386668	8.62857	5.737335	2.26E-09	2.34E-07	8.497735
CDC102B	220301_PM_at	1.2	0.3	6.2E-03	213026_PM_at	ATG12	0.386577	7.937809	5.496151	8.95E-08	7.19E-07	7.292155
MGC70870	242136_PM_x_at	1.2	0.3	1.2E-04	235598_PM_at	SMAO2	0.386192	4.605101	5.674213	3.57E-08	3.15E-07	8.178272
KCNE4	222379_PM_at	1.2	0.3	3.5E-04	203675_PM_at	NUC2B	0.386179	8.857238	5.69591	3.19E-08	2.85E-07	8.287772
MLXIP	202519_PM_at	1.2	0.3	1.3E-03	217947_PM_at	CMTM6	0.386165	9.921496	6.763757	8.24E-11	1.31E-09	14.06385
PPT1	200975_PM_at	1.2	0.3	2.2E-06	227649_PM_s_at	SRGAP2	0.385998	4.276211	5.510796	8.30E-08	6.72E-07	7.36419
LIMS1	207198_PM_s_at	1.2	0.3	4.4E-04	201876_PM_at	PON2	0.385876	10.26841	5.209614	3.75E-07	2.60E-06	5.913878
MKI67IP	224713_PM_at	1.2	0.3	4.1E-07	214427_PM_at	NOP2	0.385717	7.525893	6.559791	2.72E-10	3.89E-09	12.90425
LOC100292909	241535_PM_at	1.2	0.3	3.4E-05	203127_PM_s_at	SPTLC2	0.385635	7.476625	5.273338	2.74E-07	1.97E-06	6.215234
ZMAT3	219628_PM_at	1.2	0.3	5.4E-04	217412_PM_at	TRA@	0.385616	3.50092	6.790936	7.02E-11	1.14E-09	14.22028
APOL4	223801_PM_s_at	1.2	0.3	3.7E-03	223095_PM_at	NOP58	0.385606	9.499005	7.27434	3.74E-12	7.93E-11	17.0748
LILRB5	206856_PM_at	1.2	0.3	1.0E-04	238346_PM_s_at	TGS1	0.385337	8.317946	5.296729	2.44E-07	1.77E-06	6.3266
CFHR4	207874_PM_s_at	1.2	0.3	4.7E-06	235539_PM_at	NUMA1	0.385242	4.649068	5.198192	3.96E-07	2.74E-06	5.860719
PTTG3P	208511_PM_at	1.2	0.3	6.1E-05	219163_PM_at	ZNF562	0.385098	7.602743	5.144539	5.15E-07	3.48E-06	5.609226
TSPAN14	221002_PM_s_at	1.2	0.3	1.2E-05	208795_PM_s_at	MCM7	0.384956	8.410832	6.457791	4.89E-10	6.57E-09	12.33397
IER2	202081_PM_at	1.2	0.3	1.5E-04	1558534_PM_at	LOC641298	0.384442	3.493035	5.04736	8.22E-07	5.29E-06	5.160135
OSTC	223001_PM_at	1.2	0.3	1.4E-03	205184_PM_at	GNG4	0.3844	3.435626	5.807747	1.77E-08	1.68E-07	8.855959
LOC100134445	236841_PM_at	1.2	0.3	1.6E-03	209967_PM_s_at	CREM	0.384331	7.933257	5.399437	1.46E-07	1.12E-06	6.820304
FAM43A	227410_PM_at	1.2	0.3	2.1E-04	218414_PM_s_at	NDE1	0.384236	6.270971	5.592729	5.45E-08	4.62E-07	7.769997
SWAP70	209306_PM_s_at	1.2	0.3	1.1E-02	218053_PM_at	PRPF40A	0.383786	9.834077	8.184902	1.07E-14	3.71E-13	22.79706
NSMCE4A	211376_PM_s_at	1.2	0.3	1.9E-03	222039_PM_at	KIF18B	0.383779	4.046237	5.788436	1.96E-08	1.84E-07	8.758376
HDC	207067_PM_s_at	1.2	0.3	9.2E-04	208908_PM_s_at	CAST	0.383668	8.784792	5.749304	2.41E-08	2.22E-07	8.558619
ZNF567	235648_PM_at	1.2	0.3	9.2E-05	1554730_PM_at	MCTP1	0.383355	3.948189	6.634014	1.67E-10	2.51E-09	13.37432
C5orf44	18674_PM_at	1.2	0.3	8.1E-04	200704_PM_at	LITAF	0.382782	9.990504	5.429659	1.25E-07	9.75E-07	9.676209
DCLK1	205399_PM_at	1.2	0.3	1.8E-02	234303_PM_s_at	GPR85	0.382455	3.66208	6.524158	3.34E-10	4.68E-09	12.70428
FAM104A	225319_PM_s_at	1.2	0.3	1.2E-07	217995_PM_at	SORDL	0.38117	9.502778	5.729392	2.67E-08	2.43E-07	8.457385
TAI12	209463_PM_s_at	1.2	0.3	1.2E-02	241505_PM_at	---	0.38132	4.074263	5.045951	8.28E-07	5.32E-06	5.153676
PSME4	212219_PM_at	1.2	0.3	1.3E-05	201368_PM_at	ZFP36L2	0.380906	10.2513	6.607519	2.06E-10	3.03E-09	13.17331
C1orf161	1553333_PM_at	1.2	0.3	3.4E-03	202863_PM_at	SP100	0.380663	8.41903	6.678217	1.36E-10	2.07E-09	13.57444
CKAP2	218252_PM_at	1.2	0.3	3.3E-03	226248_PM_s_at	KIAA1324	0.380362	3.691998	6.057715	4.59E-09	5.01E-08	10.16125
LPIN1	212274_PM_at	1.2	0.3	3.6E-04	209341_PM_s_at	IKBKB	0.380321	8.255084	5.33388	2.03E-07	1.50E-06	6.504296
SFRS7	201129_PM_at	1.2	0.3	9.9E-05	213798_PM_s_at	CAP1	0.380156	10.54688	7.678185	2.93E-13	7.79E-12	19.55968
C7orf29	227598_PM_at	1.2	0.3	1.9E-04	221756_PM_at	PIK3IP1	0.379372	8.189619	5.425127	1.28E-07	9.95E-07	6.944984
WDR82	201934_PM_at	1.2	0.3	1.9E-07	1566959_PM_at	---	0.379014	3.715823	5.340284	1.96E-07	1.46E-06	6.535028
LOC401233	1558882_PM_at	1.2	0.3	1.6E-03	221260_PM_s_at	CSRP2	0.379013	6.611027	5.417222	1.34E-07	1.03E-06	6.90657
IL1R2	205403_PM_at	1.2	0.3	4.0E-02	221782_PM_at	DNAJC10	0.378819	7.303342	4.981037	1.13E-06	7.02E-06	4.85771
TPST1	204140_PM_at	1.2	0.3	1.0E-03	1556728_PM_at	---	0.37864	3.817987	5.5212	7.87E-08	6.41E-07	7.415455
ATG3	221492_PM_s_at	1.2	0.3	5.2E-05	224915_PM_x_at	C20orf199	0.378014	10.2732	5.764087	2.23E-08	2.06E-07	8.633962
PHACTR3	227949_PM_at	1.2	0.3	3.8E-06	205034_PM_at	CNCE2	0.377919	3.548333	5.456181	1.10E-07	8.61E-07	7.096336
LOC100133019	1559125_PM_at	1.2	0.3	1.2E-04	224714_PM_at	MKI67IP	0.377854	9.034636	5.445584	1.16E-07	9.05E-07	7.04461
NCRNA00158	231303_PM_at	1.2	0.3	9.1E-05	202351_PM_at	ITGAV	0.377582	10.49217	5.612132	4.93E-08	4.22E-07	7.866793
H3FB3	209069_PM_s_at	1.2	0.3	7.7E-05	1555243_PM_x_at	C8orf59	0.377506	8.546497	5.854459	1.38E-08	1.34E-07	9.097791
PABPC1 /// RLIM	215823_PM_x_at	1.2	0.3	1.6E-10	201475_PM_x_at	MARS	0.37743	8.771528	6.032242	5.28E-09	5.69E-08	10.02645
CCL28	224027_PM_at	1.2	0.3	2.9E-03	36552_PM_at	C2CD3	0.37743	7.138874	5.072254	7.30E-07	4.75E-06	5.274506
AZIN1	201172_PM_at	1.2	0.3	8.7E-05	220147_PM_s_at	FAM60A	0.377272	9.14483	5.412907	1.36E-07	1.05E-06	6.885619
ETS2	201328_PM_at	1.2	0.3	1.5E-04	205003_PM_at	DOCK4	0.377157	7.635438	5.133418	5.43E-07	3.65E-06	5.557476
SEFC11C	223299_PM_at	1.2	0.3	1.9E-03	1559034_PM_at	SIRPB2	0.377009	3.309194	6.732977	9.88E-11	1.55E-09	13.88724
TIPIN	219258_PM_at	1.2	0.3	9.9E-04	203748_PM_x_at	RBMS1	0.376809	9.408348	5.968611	7.46E-09	7.73E-08	9.691625
CTSO	203758_PM_at	1.2	0.3	1.7E-04	211729_PM_at	BLVRA	0.376534	9.909445	9.050329	2.84E-17	1.61E-15	28.60347
SKAP1												

EIF4G3	201935_PM_s_at	1.2	0.3	4.8E-06	216050_PM_at	---	0.371099	3.520047	5.560425	6.44E-08	5.36E-07	7.609428
ANKLE2	212200_PM_at	1.2	0.3	5.0E-05	217728_PM_at	S100A6	0.370554	11.8745	6.317839	1.08E-09	1.35E-08	11.56218
HERC2P2	LOC28117317_PM_s_at	1.2	0.3	9.2E-03	206798_PM_at	WISP1	0.370368	3.978827	5.027518	9.04E-07	5.75E-06	5.069311
MFS06	219858_PM_s_at	1.2	0.3	9.7E-05	200069_PM_at	SART3	0.370056	6.108646	5.266946	2.83E-07	2.03E-06	6.184872
TBP1	208398_PM_s_at	1.2	0.3	6.4E-05	223047_PM_at	CMTM6	0.369981	9.31528	5.509858	8.34E-08	6.75E-07	7.359659
KIAA0040	203143_PM_s_at	1.2	0.3	1.0E-04	202569_PM_s_at	MARK3	0.369881	7.805651	6.076729	4.14E-09	4.57E-08	10.26215
M4BP2L1	213375_PM_s_at	1.2	0.3	6.0E-04	215873_PM_x_at	ABCC10	0.369768	5.697097	5.399262	1.46E-07	1.12E-06	6.819456
RNF34	219035_PM_s_at	1.2	0.3	1.2E-07	203758_PM_at	CTSO	0.369746	9.119706	5.670366	3.64E-08	3.21E-07	8.158893
TP53	201746_PM_at	1.2	0.3	9.4E-05	236345_PM_at	---	0.369668	3.680558	6.094245	3.76E-09	4.19E-08	10.35531
CPD	201941_PM_at	1.2	0.3	1.3E-04	204214_PM_s_at	RAB32	0.369276	8.071864	5.553323	6.68E-08	5.54E-07	7.574226
PRDM15	230777_PM_s_at	1.2	0.3	7.1E-05	228095_PM_at	PHF14	0.368701	8.193104	5.414297	1.36E-07	1.05E-06	6.892366
RBM7	218379_PM_at	1.2	0.3	6.0E-09	221241_PM_s_at	BCL2L14	0.368082	3.575898	5.599258	5.27E-08	4.48E-07	7.80254
ZBTB2	226284_PM_at	1.2	0.3	9.0E-06	207796_PM_x_at	KLRD1	0.368058	3.537082	6.800092	6.65E-11	1.08E-09	14.27307
TMEM161B	227861_PM_at	1.2	0.3	1.5E-04	207181_PM_s_at	CASP7	0.367631	7.910229	5.935883	8.90E-09	9.05E-08	9.520469
SFRS17A	203624_PM_at	1.2	0.3	6.8E-05	244536_PM_at	---	0.36715	4.190794	5.131992	5.47E-07	3.67E-06	5.550844
LOC728190	229609_PM_at	1.2	0.3	1.7E-04	224562_PM_at	WASF2	0.366816	9.279106	5.19726	3.98E-07	2.75E-06	5.855803
ZBTB25	214482_PM_at	1.2	0.3	5.3E-05	223738_PM_s_at	PGM2	0.366777	7.625119	5.542928	7.04E-08	5.81E-07	7.522768
SCUBE2	219197_PM_s_at	1.2	0.3	3.8E-03	214784_PM_x_at	XPO6	0.366688	8.087805	5.786757	1.98E-08	1.85E-07	8.749786
MICAL2	219332_PM_at	1.2	0.3	8.6E-06	201331_PM_s_at	STAT6	0.366419	9.10743	6.207186	2.01E-09	2.37E-08	10.96086
UBE2Q2	224747_PM_at	1.2	0.3	3.9E-05	224761_PM_at	GNA13	0.366397	9.858376	7.194088	6.15E-12	1.23E-10	16.59164
LOC283663	230245_PM_s_at	1.2	0.3	1.7E-03	212917_PM_x_at	RECOL	0.366205	8.385096	5.395104	1.49E-07	1.14E-06	6.799321
FANK1	232968_PM_at	1.2	0.3	1.2E-03	226801_PM_s_at	AIDA	0.365491	10.61204	6.859686	4.30E-16	1.94E-14	25.9418
RNASEH2B	215040_PM_at	1.2	0.3	4.6E-06	211724_PM_x_at	MIOS	0.365367	7.995308	5.555441	6.61E-08	5.49E-07	7.584723
RBM25	212027_PM_at	1.2	0.3	3.8E-03	1558827_PM_s_at	ZNF831	0.36529	3.989189	5.802899	1.81E-08	1.71E-07	8.832935
SPAG1	210117_PM_at	1.2	0.3	7.5E-04	206250_PM_s_at	PTP4A2	0.36505	10.71434	6.858181	4.70E-11	7.97E-10	14.6092
FAM13A0S	1558711_PM_at	1.2	0.3	9.6E-04	219618_PM_at	IRAK4	0.365008	4.267378	5.80063	1.84E-08	1.73E-07	8.82084
PNN	212036_PM_s_at	1.2	0.3	5.1E-03	218875_PM_s_at	FBXO5	0.364923	4.217192	5.105906	6.21E-07	4.11E-06	5.429845
C9orf150	227443_PM_at	1.2	0.3	7.7E-04	211048_PM_s_at	PDI4A	0.364694	9.446169	6.947037	2.76E-11	4.93E-10	15.12723
RAB27B	207017_PM_at	1.2	0.3	4.8E-05	242230_PM_at	ATXN1	0.364418	4.250723	5.954397	8.05E-09	8.27E-08	9.617203
RPS8	200858_PM_s_at	1.2	0.3	2.7E-09	225988_PM_at	HERC4	0.364264	8.025043	5.249218	3.09E-07	2.19E-06	6.100816
CORO1C	221676_PM_s_at	1.2	0.3	5.1E-07	204976_PM_s_at	AMMECR1	0.364071	7.667476	5.55688	6.56E-08	5.45E-07	7.591855
SSH1	221752_PM_at	1.2	0.3	9.4E-04	1557078_PM_at	SLFN5	0.363958	3.779123	5.424769	1.29E-07	9.97E-07	6.943244
PDCD1LG2	220049_PM_s_at	1.2	0.3	2.0E-05	78495_PM_at	ZNF783	0.363946	6.100513	5.235343	3.30E-07	2.32E-06	6.035194
SPINK2	206310_PM_at	1.2	0.3	2.6E-03	238771_PM_at	---	0.363495	4.314874	5.593252	5.44E-08	4.61E-07	7.772603
BRP1	204481_PM_at	1.2	0.3	1.6E-07	244556_PM_at	LCP2	0.363318	3.383816	8.187071	1.05E-14	3.66E-13	22.81119
RPP40	213427_PM_at	1.2	0.3	1.6E-04	201874_PM_at	MPZL1	0.362955	7.62319	5.442321	1.18E-07	9.18E-07	7.028699
CTSW	214450_PM_at	1.2	0.3	1.3E-04	244189_PM_at	LOC284900	0.362909	5.166656	5.383311	1.58E-07	1.20E-06	6.742281
CBFA2T3	208056_PM_s_at	1.2	0.3	8.2E-05	255762_PM_s_at	RBM15	0.362672	6.251722	5.125693	5.64E-07	3.77E-06	5.521581
CBX4	206724_PM_at	1.2	0.3	3.9E-08	218627_PM_at	DRAM1	0.362552	9.140753	5.90695	1.04E-08	1.04E-07	9.36976
CHURC1	223210_PM_at	1.2	0.3	1.2E-05	225230_PM_at	DRAM2	0.362100	9.15519	5.89151	1.13E-08	1.12E-07	9.289568
CYP1A2	207608_PM_x_at	1.2	0.3	2.7E-04	208877_PM_at	PAK2	0.361937	8.438664	7.116361	9.90E-12	1.91E-10	16.12714
SASS5	231895_PM_at	1.2	0.3	1.3E-06	204164_PM_at	SIPA1	0.361648	5.284004	5.110851	6.06E-07	4.02E-06	5.452748
RIOK1	224450_PM_s_at	1.2	0.3	1.5E-06	209250_PM_at	DEGS1	0.361411	9.245132	6.222505	1.85E-09	2.20E-08	11.04363
C11orf17	219953_PM_s_at	1.2	0.3	3.3E-09	210847_PM_x_at	TNFRSF25	0.361385	3.718726	5.817294	1.68E-08	1.60E-07	8.906362
ZNF813	217665_PM_at	1.2	0.3	2.8E-04	220355_PM_s_at	PBRM1	0.361361	7.74021	5.386519	1.56E-07	1.19E-06	6.757786
CASP5	207500_PM_at	1.2	0.3	5.6E-04	206686_PM_at	PDK1	0.36119	3.843336	5.503159	8.63E-08	6.96E-07	7.326607
LOC100134361	229930_PM_at	1.2	0.3	1.3E-03	1552806_PM_s_at	SIGLEC10 // SIGLEC12	0.360681	3.755838	5.506913	8.47E-08	6.84E-07	7.345071
CCDC84	227208_PM_at	1.2	0.3	6.5E-05	212687_PM_at	LIMS1	0.360644	9.826788	5.752322	2.37E-08	2.18E-07	8.57399
NGLY1	207492_PM_at	1.2	0.3	1.1E-06	225185_PM_at	MRAS	0.360228	8.155937	3.366784	1.72E-07	1.30E-06	6.662516
TRNP1	227862_PM_at	1.2	0.3	1.7E-05	207785_PM_s_at	RBPJ	0.360178	8.557462	5.333376	2.03E-07	1.50E-06	6.501875
EEF1B2	200705_PM_s_at	1.2	0.3	9.8E-09	242819_PM_at	---	0.359394	4.409604	5.012376	9.71E-07	6.14E-06	5.000199
UTP11L	218235_PM_s_at	1.2	0.3	4.2E-03	226000_PM_at	CTTNBP2NL	0.359093	8.381714	5.904436	1.05E-08	1.06E-07	9.356693
USP3	221654_PM_s_at	1.2	0.3	1.4E-06	203773_PM_x_at	BLVRA	0.358468	10.07051	8.97349	4.88E-17	2.65E-15	28.07489
STX11	210190_PM_at	1.2	0.3	1.9E-05	212023_PM_s_at	MKI67	0.35836	3.584004	6.567326	2.60E-10	3.74E-09	12.94663
IFI27L	223626_PM_x_at	1.2	0.3	2.8E-04	214314_PM_s_at	CBF3	0.357802	9.693793	5.003371	1.01E-06	6.38E-06	4.959179
ZNRD1	223639_PM_s_at	1.2	0.3	3.1E-06	213414_PM_s_at	RPS19	0.357373	12.16043	9.174492	1.18E-17	7.09E-16	29.46262
LOC399959	225381_PM_at	1.2	0.3	1.7E-03	224185_PM_at	---	0.357275	4.277727	4.966557	1.21E-06	7.47E-06	4.792121
ATP8A1	213106_PM_at	1.2	0.3	3.0E-03	204711_PM_s_at	TTF1	0.357094	7.971458	5.310916	2.27E-07	1.66E-06	6.394339
LOC728153	233204_PM_at	1.2	0.3	1.3E-04	222326_PM_at	---	0.357067	3.801772	6.086512	3.92E-09	4.34E-08	10.31416
LOC100272216	213089_PM_at	1.2	0.3	1.6E-02	239755_PM_at	---	0.357057	4.214706	5.005922	1.00E-06	6.31E-06	4.970795
ARGLU1	218067_PM_s_at	1.2	0.3	4.1E-05	221025_PM_x_at	PUS7L	0.357055	5.445781	5.026098	9.10E-07	5.79E-06	5.062823
C10orf18	218331_PM_s_at	1.2	0.3	7.6E-04	225750_PM_at	---	0.356873	8.622385	4.995888	1.05E-06	6.59E-06	4.92514
TRIM14	203147_PM_s_at	1.2	0.3	9.4E-03	205192_PM_at	MAP3K14	0.356799	5.41835	5.060821	7.71E-07	4.99E-06	5.221921
MIF4GD	223411_PM_at	1.2	0.3	1.2E-05	209881_PM_s_at	LAT // SPNS1	0.356208	4.641926	4.968963	1.19E-06	7.40E-06	4.803007
SULT1C4	1553321_PM_s_at	1.2	0.3	8.4E-06	218040_PM_at	PRPF38B	0.356155	7.137671	5.499873	8.78E-08	7.06E-07	7.310449
ATM	208442_PM_s_at	1.2	0.3	8.2E-04	229497_PM_at	ANKDD1A	0.355914	4.46458	5.102294	6.31E-07	4.17E-06	5.413135
MAP3K14	205192_PM_at	1.2	0.3	4.1E-05	215164_PM_at	---	0.355445	3.563725	6.055574	4.65E-09	5.06E-08	10.1499
PPA1	217848_PM_s_at	1.2	0.3	1.3E-05	208754_PM_s_at	NAP1L1	0.354851	8.661495	5.067821	7.45E-07	4.84E-06	5.254107
GAB2	203853_PM_s_at	1.2	0.3	1.2E-06	205816_PM_at	ITGB8	0.354717	3.742024	5.253011	3.03E-07	2.15E-06	6.118784
PDGFRA	203131_PM_at	1.2	0.3	3.1E-04	209748_PM_at	SPAST	0.354605	7.604824	5.398928	1.46E-07	1.12E-06	6.817838
MPHOSPH10	212885_PM_at	1.2	0.3	1.3E-05	213521_PM_at	PTPN18	0.354417	7.928665	5.343554	1.93E-07	1.44E-06	6.550733
CST3	201360_PM_at	1.2	0.3	8.0E-07	204886_PM_at	PLK4	0.354341	3.625109	6.204879	2.04E-09	2.40E-08	10.9484
ST5	202440_PM_s_at	1.2	0.3	2.3E-03	203396_PM_at	PSMA4	0.353725	10.14736	6.260969	1.49E-09	1.81E-08	11.25214
KCNMB1	209948_PM_at	1.2	0.3	2.0E-04	205063_PM_at	SIP1	0.353642	6.245966	5.0351	8.72E-07	5.57E-06	5.103983
CD200R1	1553395_PM_s_at	1.2	0.3	4.2E-05	1555392_PM_at	LOC100128868	0.353567	4.453635	5.575082	5.97E-08	5.02E-07	7.682192
CHMP4A	218571_PM_s_at	1.2	0.3	6.1E-07	223238_PM_s_at	PBRM1	0.353297	8.426251	5.322566	2.15E-07	1.58E-06	6.450071
KDEL1C	219479_PM_at	1.2	0.3	7.6E-04	236283_PM_x_at	LOC646214	0.353212	7.328859	5.445382	1.16E-07	9.05E-07	7.043622
FLJ43663	228702_PM_at	1.2	0.3	1.8E-03	200934_PM_at	DEK	0.352989	10.126	5.660271	2.71E-10	3.88E-09	12.90694
WNK1	202940_PM_at	1.2	0.3	7.2E-03	219283_PM_at	C1GALT1C1	0.352519	8.367161	6.012124	5.89E-09	3.87E-08	9.920297
RBM53	206767_PM_at	1.2	0.3	7.8E-04	1570061_PM_at	---	0.351726	4.503272	5.5112	8.29E-08	6.71E-07	7.366178
C10orf118	219844_PM_at	1.2	0.3	3.4E-02	200736_PM_s_at	GPX1	0.35					

PCDH7	205534_PM_at	1.2	0.3	1.5E-04	203624_PM_at	SFRS17A	0.347179	8.503606	5.130355	5.51E-07	3.70E-06	5.543239
TSC22D1	215111_PM_s_at	1.2	0.3	6.8E-03	231431_PM_s_at	---	0.346979	5.553901	4.961382	1.24E-06	7.63E-06	4.768719
PHTF1	205702_PM_at	1.2	0.3	5.0E-04	204215_PM_at	C7orf23	0.346899	9.339122	5.157873	4.83E-07	3.28E-06	5.671395
GABPB1	204618_PM_s_at	1.2	0.3	1.0E-06	218032_PM_at	SNN	0.346674	8.334559	5.03895	8.56E-07	5.48E-06	5.121605
E1FA41	201530_PM_x_at	1.2	0.3	5.8E-05	228029_PM_at	ZNF721	0.346041	7.328276	5.016947	9.51E-07	6.02E-06	5.021042
USP1	202412_PM_s_at	1.2	0.3	2.0E-05	215524_PM_x_at	TRA@ /// TRAC /// TRAJ17 /// TRAV20	0.345987	3.56375	7.530622	7.51E-13	1.81E-11	18.64156
ANKRD49	219069_PM_at	1.2	0.3	4.8E-07	224914_PM_s_at	SARNP	0.345805	8.808295	6.800214	6.64E-11	1.08E-09	14.27378
CCDC88C	215343_PM_at	1.2	0.3	9.3E-05	244487_PM_at	NCK1	0.345568	4.380858	5.102841	6.30E-07	4.16E-06	5.415668
LITAF	200704_PM_at	1.2	0.3	4.8E-04	218294_PM_s_at	NUP50	0.345017	8.271562	5.514595	8.14E-08	6.61E-07	7.382897
ALPK1	207133_PM_x_at	1.2	0.3	4.0E-06	202794_PM_at	INPP1	0.345014	6.599794	5.300778	2.39E-07	1.74E-06	6.345913
GIC1	228563_PM_at	1.2	0.3	1.4E-03	204618_PM_s_at	GABPB1	0.345002	6.686164	5.561041	6.42E-08	3.55E-07	7.612483
MMP3	205828_PM_at	1.2	0.3	1.9E-02	1552829_PM_at	---	0.344667	4.347594	5.127992	5.58E-07	3.74E-06	5.532259
SSBP4	223226_PM_x_at	1.2	0.3	5.0E-06	205361_PM_s_at	PFND4	0.344465	9.227329	6.399345	6.82E-10	8.88E-09	12.01015
LOC645744	231241_PM_at	1.2	0.3	2.7E-05	211962_PM_s_at	ZFP3GL1	0.344413	10.48304	5.348576	1.88E-07	1.41E-06	6.574862
CR1	206244_PM_at	1.2	0.3	7.7E-04	213055_PM_at	CD47	0.344325	4.265796	5.524416	7.75E-08	6.32E-07	7.431319
DOMSON	221677_PM_s_at	1.2	0.3	2.6E-04	219953_PM_s_at	C11orf17	0.344019	7.051798	4.989269	1.08E-06	6.77E-06	4.895064
SAAL1	225614_PM_at	1.2	0.3	1.4E-03	209397_PM_at	ME2	0.344002	8.704376	5.722054	2.78E-08	2.52E-07	8.420142
PIK3C2B	204484_PM_at	1.2	0.3	7.2E-04	215127_PM_s_at	RBMS1	0.343909	10.11331	5.90658	1.04E-08	1.04E-07	9.367839
OKI	212262_PM_at	1.2	0.3	7.6E-04	203149_PM_at	PVRL2	0.343104	7.427257	5.334468	2.02E-07	1.50E-06	6.507117
NOP58	223096_PM_at	1.2	0.3	3.0E-08	220384_PM_at	TXNDC3	0.342832	3.514111	8.057387	2.49E-14	8.14E-13	21.9704
REV3L	208070_PM_s_at	1.2	0.3	2.4E-03	218247_PM_s_at	MEXC3	0.342726	8.600293	5.637426	4.32E-08	5.18E-07	7.993376
WFCDC2	203892_PM_at	1.2	0.3	1.4E-03	200615_PM_s_at	AP2B1	0.342274	7.827125	5.384939	1.57E-07	1.19E-06	6.750152
GCET2	235310_PM_at	1.2	0.3	1.2E-06	220315_PM_at	PARP11	0.341239	3.690029	6.50714	3.68E-10	5.10E-09	12.60907
ACAP2	212476_PM_at	1.2	0.3	1.3E-06	208921_PM_s_at	SRI	0.340961	10.24903	8.211535	8.95E-15	3.18E-13	22.9707
THOC1	204064_PM_at	1.2	0.3	1.6E-06	227767_PM_s_at	CSNK1G3	0.340756	7.683596	5.388502	1.54E-07	1.18E-06	6.767378
ANKRD55	220112_PM_at	1.2	0.3	2.1E-05	218135_PM_at	ERIG2	0.340653	9.497132	6.316125	1.09E-09	1.36E-08	11.55281
MEFV	208262_PM_x_at	1.2	0.3	2.6E-03	225610_PM_at	UHRF2	0.340446	8.324358	5.115018	5.94E-07	3.95E-06	5.472057
TSPAN32	220558_PM_x_at	1.2	0.3	1.3E-07	1569004_PM_at	---	0.340111	4.085113	6.106498	3.51E-09	3.93E-08	10.4206
RALGDS	209050_PM_s_at	1.2	0.3	1.2E-04	1554519_PM_at	CD80	0.33979	3.421062	7.833416	1.08E-13	3.15E-12	20.53775
DNMT3A	218457_PM_s_at	1.2	0.3	2.1E-06	226100_PM_at	MLL5	0.339735	7.749028	5.534005	7.37E-08	6.06E-07	7.478656
CLIC6	227742_PM_at	1.2	0.3	1.3E-03	227284_PM_at	ZNF766	0.339245	7.290478	5.884749	1.17E-08	1.16E-07	9.254504
FAM114A1	213455_PM_at	1.2	0.3	6.0E-04	211974_PM_x_at	RBPJ	0.339215	10.23636	6.495513	3.94E-10	5.41E-09	12.54411
LOC100170939	214850_PM_at	1.2	0.3	5.6E-03	204481_PM_at	BRPF1	0.338923	7.032511	5.048714	8.17E-07	5.26E-06	5.166344
MRE11A	205395_PM_s_at	1.2	0.3	8.7E-07	214894_PM_x_at	MACF1	0.338861	9.807021	5.568093	6.19E-08	5.18E-07	7.647477
ZNF738	229700_PM_at	1.2	0.3	6.2E-05	203229_PM_s_at	CLK2	0.338674	8.223679	5.055461	7.91E-07	5.10E-06	5.197301
DUSP12	218576_PM_s_at	1.2	0.3	4.2E-06	201763_PM_s_at	DAXX	0.338587	6.261444	5.547717	6.87E-08	5.69E-07	7.546468
E2F8	219990_PM_at	1.2	0.3	1.6E-02	225478_PM_at	MFHAS1	0.337545	8.849209	5.507109	8.46E-08	6.84E-07	7.346039
FAM89B	212484_PM_at	1.2	0.3	6.5E-04	225331_PM_at	CCDC50	0.337502	9.351131	7.908052	6.63E-14	2.02E-12	21.01238
GON4L	218873_PM_at	1.2	0.3	2.1E-07	216231_PM_s_at	B2M	0.337315	13.17735	6.391387	7.12E-10	9.23E-09	11.96871
PLSCR3	218828_PM_at	1.2	0.3	1.4E-08	202690_PM_s_at	SNNRPD1	0.337181	8.888083	5.614131	4.88E-08	4.18E-07	7.876779
LOC100302650	1568768_PM_s_at	1.2	0.3	2.9E-03	239605_PM_x_at	---	0.336986	9.374115	5.722664	2.77E-08	2.51E-07	8.424759
ALG13	205583_PM_s_at	1.2	0.3	9.8E-05	216210_PM_x_at	TRIOBP	0.336863	9.041843	5.374952	1.65E-07	1.25E-06	6.701914
AQP9	205568_PM_at	1.2	0.3	6.9E-03	211931_PM_s_at	HNRNP33 /// HNRNP33P1	0.336671	10.22519	7.226792	5.02E-12	1.03E-10	16.7881
RAB34	224710_PM_at	1.2	0.3	5.6E-05	202168_PM_at	TAF9	0.336565	8.974327	5.956696	7.94E-09	8.18E-08	9.630645
ARID5A	213138_PM_at	1.2	0.3	3.5E-05	205281_PM_s_at	PIGA	0.336467	6.819755	5.289731	2.53E-07	1.83E-06	6.293239
TNFRSF10B	209294_PM_x_at	1.2	0.3	5.5E-05	222410_PM_s_at	SNX6	0.336239	9.976186	6.966488	2.46E-11	4.42E-10	15.24125
GOLT1B	218193_PM_s_at	1.2	0.3	3.9E-06	206567_PM_s_at	PHF20	0.336112	7.397308	5.107691	6.15E-07	4.07E-06	5.438111
PDGFA	205463_PM_s_at	1.2	0.3	6.5E-04	209753_PM_s_at	TMPO	0.335993	4.252584	6.483248	4.22E-10	5.76E-09	12.47569
GTF2E1	205930_PM_at	1.2	0.3	6.0E-07	213671_PM_s_at	MARS	0.335963	9.132947	8.00901	3.42E-14	1.09E-12	21.65884
RASSF4	221578_PM_at	1.2	0.3	1.2E-03	1559916_PM_a_at	---	0.335692	4.273149	5.784068	2.00E-08	1.88E-07	8.73603
SPTLC2	203127_PM_s_at	1.2	0.3	1.3E-03	202876_PM_s_at	GOLGA3	0.335575	7.837253	5.232898	3.34E-07	2.35E-06	6.023643
SPRY1	212558_PM_at	1.2	0.3	2.3E-04	219529_PM_at	CLIC3	0.335514	3.61991	5.259091	2.94E-07	2.09E-06	6.147599
XPO1	208775_PM_at	1.3	0.3	2.3E-04	1559942_PM_at	MDFC	0.335354	3.660527	5.616974	4.81E-08	4.13E-07	7.89099
FADS3	204257_PM_at	1.3	0.3	9.3E-05	222654_PM_at	IMPAD1	0.335028	7.509647	5.710221	2.96E-08	2.66E-07	8.360172
MYCBP	203359_PM_s_at	1.3	0.3	4.5E-05	200650_PM_s_at	LDHA	0.334947	11.81507	6.622183	1.89E-10	2.80E-09	13.25626
C4A /// C4B /// LOC100292046	208451_PM_s_at	1.3	0.3	2.4E-02	211623_PM_s_at	FBL	0.334835	9.626728	7.229892	4.93E-12	1.01E-10	16.80676
EHF	219850_PM_s_at	1.3	0.3	4.0E-02	202649_PM_x_at	RPS19	0.33477	12.29049	9.033189	3.21E-17	1.80E-15	28.48536
SUPT3H	206506_PM_s_at	1.3	0.3	2.9E-05	203819_PM_s_at	IGF2BP3	0.3347	3.287562	6.193188	2.17E-09	2.54E-08	10.88535
GPAT2	235557_PM_at	1.3	0.3	1.1E-03	220034_PM_at	IRAK3	0.334656	3.867765	6.150242	2.76E-09	3.16E-08	10.6545
SCNM1	218672_PM_at	1.3	0.3	2.3E-05	234255_PM_at	---	0.334464	3.482791	7.662014	3.25E-13	8.56E-12	19.45851
MUC1	207847_PM_s_at	1.3	0.3	3.8E-02	211714_PM_x_at	TUBB	0.334208	10.50798	5.399109	1.46E-07	1.12E-06	6.818715
CYTH2	209158_PM_s_at	1.3	0.3	2.1E-03	219520_PM_s_at	WWC3	0.334102	8.177957	4.984567	1.11E-06	6.91E-06	4.873719
PLCXD2	235230_PM_at	1.3	0.3	1.4E-07	202098_PM_s_at	PRMT2	0.333982	7.683524	5.695525	3.19E-08	2.85E-07	8.285825
DCLRE1B	219490_PM_s_at	1.3	0.3	4.8E-06	219069_PM_at	ANKRD49	0.33391	8.188342	5.445185	1.16E-07	9.06E-07	7.042664
SNRPF	209832_PM_at	1.3	0.3	3.1E-06	206809_PM_s_at	HNRNP33 /// HNRNP33P1	0.333816	8.119334	5.231659	3.37E-07	2.36E-06	6.017368
BTBD10	223174_PM_at	1.3	0.3	3.1E-09	217905_PM_at	C10orf19	0.333744	7.270465	6.723309	1.05E-10	3.73E-09	13.81888
RPL36A	201406_PM_at	1.3	0.3	1.8E-08	201938_PM_at	CDK2AP1	0.333106	10.40622	5.735483	2.59E-08	2.36E-07	8.488322
IKZF2	220567_PM_at	1.3	0.3	2.1E-06	1553979_PM_at	---	0.333006	8.941132	6.577699	2.45E-10	3.54E-09	13.00504
ZYX	200808_PM_s_at	1.3	0.3	6.3E-06	212971_PM_at	CARS	0.332531	9.731365	6.828363	6.62E-11	9.34E-10	14.43641
SEC16	203484_PM_at	1.3	0.3	5.1E-06	225142_PM_at	JHDM1D	0.332436	3.690781	7.155272	7.80E-12	1.54E-10	16.35924
ERCC5	202414_PM_at	1.3	0.3	1.5E-07	243196_PM_s_at	TRAF1D	0.332408	3.964282	5.586507	6.63E-08	4.76E-07	7.739011
LAMC1	200770_PM_s_at	1.3	0.3	9.2E-06	227998_PM_at	S100A16	0.332283	9.82111	5.47856	7.97E-08	7.79E-07	7.205831
PKHD11	230673_PM_at	1.3	0.3	9.8E-04	1552472_PM_a_at	ACAP2	0.332047	4.268743	5.351807	1.85E-07	1.39E-06	6.590397
ORC6L	219105_PM_x_at	1.3	0.3	1.0E-05	226949_PM_at	GOLGA3	0.331851	4.842091	5.465292	1.05E-07	8.27E-07	7.14087
PTPN12	202006_PM_at	1.3	0.3	2.5E-03	204089_PM_at	---	0.331791	3.51417	6.544405	2.97E-10	4.22E-09	12.81781
LSM7	204559_PM_s_at	1.3	0.3	4.1E-07	200750_PM_s_at	RAN	0.331382	10.64105	5.029645	8.95E-07	5.70E-06	5.079032
FUBP1	203091_PM_at	1.3	0.3	3.1E-03	214118_PM_x_at	PCM1	0.331363	8.959325	5.37096	1.69E-07	1.27E-06	6.682651
ERI1	226416_PM_at	1.3	0.3	6.9E-06	202795_PM_x_at	TRIOBP	0.331306	8.866503	5.472138	1.01E-07	8.01E-07	7.174371
C1orf216	212791_PM_at	1.3	0.3	1.5E-04	201786_PM_s_at	ADAR	0.331232	10.40002	6.589533	2.29E-10	3.33E-09	13.07175
ZNF337	37860_PM_at	1.3	0.3	6.1E-06	232798_PM_at	DNAJC5B	0.331119	3.412843	5.039196	8.55E-07	5.48E-06	

TMC6	204328_PM_at	1.3	0.3	4.3E-07	226255_PM_at	ZBTB33	0.325597	8.764835	5.778967	2.06E-08	1.92E-07	8.709944
KIF15	219306_PM_at	1.3	0.3	3.4E-05	211072_PM_x_at	TUBA1B	0.324941	12.05216	7.113829	1.01E-11	1.94E-10	16.11206
ZFP62	227796_PM_at	1.3	0.3	2.9E-05	223974_PM_at	MGCI1082	0.324144	3.842704	5.907969	1.03E-08	1.04E-07	9.375058
LRCH3	214739_PM_at	1.3	0.3	6.9E-04	1562612_PM_at	---	0.324127	4.26615	5.057604	7.83E-07	5.06E-06	5.207144
LOC100233209	241947_PM_at	1.3	0.3	4.0E-07	201532_PM_at	PSMA3	0.323746	10.22264	5.064706	7.57E-07	4.91E-06	5.239779
ARHGAP29	203910_PM_at	1.3	0.3	7.7E-04	1558842_PM_at	---	0.323683	3.694286	5.315627	2.22E-07	1.63E-06	6.416864
RLN2	214519_PM_s_at	1.3	0.3	8.5E-04	244395_PM_at	FLJ41455	0.323383	3.685494	5.040695	8.49E-07	5.44E-06	5.129593
MASTL	228468_PM_at	1.3	0.3	1.5E-04	225461_PM_at	EHMT1	0.323237	7.764073	4.996799	1.05E-06	6.56E-06	4.929279
SPIN4	228654_PM_at	1.3	0.3	2.8E-04	223073_PM_at	HIAT1L	0.32291	8.222809	5.637045	4.33E-08	3.76E-07	7.991466
RNF182	230720_PM_at	1.3	0.3	9.3E-05	211822_PM_s_at	NLRP1	0.322504	3.533831	6.174598	2.41E-09	2.80E-08	10.78527
PLXNA1	221537_PM_at	1.3	0.3	7.8E-07	219762_PM_s_at	RPL36	0.322223	11.11064	6.666511	1.46E-10	2.21E-09	13.50781
CIR1	209571_PM_at	1.3	0.3	2.4E-05	212476_PM_at	ACAP2	0.322143	8.587578	5.131949	5.47E-07	3.67E-06	5.550644
SMC5	212926_PM_at	1.3	0.3	6.8E-06	201440_PM_at	DDX23	0.321619	7.76965	5.918764	9.76E-09	9.84E-08	9.431229
XRN1	225814_PM_at	1.3	0.3	2.5E-04	224800_PM_at	WDFY1	0.321568	8.809345	5.656123	3.92E-08	3.43E-07	8.087234
FKBP14	219390_PM_at	1.3	0.3	4.8E-05	212519_PM_at	UBE2E1	0.321541	10.33192	6.979991	2.27E-11	4.10E-10	15.32053
DOK5	214844_PM_s_at	1.3	0.3	2.4E-03	1553055_PM_a_at	SLFN5	0.321539	3.458922	6.489786	4.07E-10	5.57E-09	12.51216
RNF44	203286_PM_at	1.3	0.3	2.5E-05	213088_PM_s_at	DNAI9	0.321458	8.411211	6.135659	2.99E-09	3.40E-08	10.57638
CDKS3RAP3	218740_PM_s_at	1.3	0.3	6.6E-05	207500_PM_at	CASP5	0.321453	4.401706	5.041708	8.45E-07	5.42E-06	5.134234
MYO9B	214780_PM_s_at	1.3	0.3	4.8E-07	213535_PM_s_at	UBE2I	0.321018	9.206215	5.028784	8.98E-07	5.72E-06	5.075096
NLRP1	210113_PM_s_at	1.3	0.3	4.8E-06	204835_PM_at	POLA1	0.320883	6.365487	5.022566	9.25E-07	5.88E-06	5.046689
MAD2L2	223234_PM_at	1.3	0.3	5.0E-03	218008_PM_at	C7orf42	0.320499	8.710943	6.514495	3.53E-10	4.92E-09	12.6502
TUBB	209026_PM_x_at	1.3	0.3	2.8E-06	202402_PM_s_at	CARS	0.320208	7.664419	6.249857	1.59E-09	1.91E-08	11.19181
DLEU2	216870_PM_x_at	1.3	0.3	1.7E-04	200750_PM_at	PPT1	0.319766	10.78977	6.531159	3.20E-10	4.51E-09	12.74351
TPM1	206116_PM_s_at	1.3	0.3	4.7E-02	243_PM_g_at	M4P4	0.319641	9.112	5.119569	5.81E-07	3.87E-06	5.49316
FBLIM1	225258_PM_at	1.3	0.3	7.8E-06	203530_PM_s_at	STX4	0.319365	8.465746	6.307081	1.15E-09	1.42E-08	11.50338
KCNMA1	221583_PM_s_at	1.3	0.3	2.0E-03	206636_PM_at	RASA2	0.319198	4.076109	4.987556	1.09E-06	6.82E-06	4.887287
NME1-NME2 /// NME2	201268_PM_at	1.3	0.3	1.0E-10	224654_PM_at	DDX21	0.318987	9.52684	6.511352	3.59E-10	4.99E-09	12.63262
PGM2	223738_PM_s_at	1.3	0.3	1.4E-05	201594_PM_s_at	PPP4R1	0.318933	9.161996	7.118728	9.76E-12	1.89E-10	16.14123
RAN	200750_PM_s_at	1.3	0.3	1.1E-05	224596_PM_at	SLC44A1	0.318769	9.221113	5.646537	4.12E-08	3.59E-07	8.039083
PCSK7	203118_PM_at	1.3	0.3	3.5E-04	202414_PM_at	ERCC5	0.318651	8.480342	6.098126	3.68E-09	4.11E-08	10.37598
BGN	201261_PM_x_at	1.3	0.3	2.2E-03	48531_PM_at	TNIP2	0.318514	8.857811	5.204136	3.85E-07	2.66E-06	5.888113
OXR1	206825_PM_at	1.3	0.3	1.1E-04	212024_PM_x_at	FLII	0.318251	9.274774	6.019697	5.65E-09	6.04E-08	9.960227
S100A12	205863_PM_at	1.3	0.3	7.2E-04	229304_PM_s_at	MLF1IP	0.318223	4.263456	5.25526	3.00E-07	2.13E-06	6.129438
CHD4	201182_PM_s_at	1.3	0.3	5.1E-04	213773_PM_x_at	NSUN5	0.317966	8.3714062	5.14588	5.11E-07	3.46E-06	5.61547
EBF1	227646_PM_at	1.3	0.3	3.9E-03	226917_PM_s_at	ANAPC4	0.317796	6.664835	5.63752	4.32E-08	3.75E-07	7.993844
NFAT5	208003_PM_s_at	1.3	0.3	1.3E-02	214228_PM_x_at	TNFRSF4	0.317706	3.593218	5.163383	4.70E-07	3.19E-06	5.697119
FASLG	210865_PM_at	1.3	0.3	1.5E-05	239467_PM_at	---	0.317252	3.309712	5.492543	9.11E-08	7.31E-07	2.74432
APBA2	209870_PM_s_at	1.3	0.3	4.7E-05	202682_PM_s_at	USP4	0.317126	9.318241	7.657339	3.35E-13	8.78E-12	19.42929
WAPAL	212264_PM_s_at	1.3	0.3	1.5E-04	218576_PM_s_at	DUSP12	0.316889	6.761885	5.447563	1.15E-07	8.96E-07	7.054262
GABRR1	203146_PM_s_at	1.3	0.3	2.9E-03	202258_PM_s_at	N4BP2L2	0.316631	10.06693	5.716699	2.86E-08	2.58E-07	8.392989
MYCL1	214058_PM_at	1.3	0.3	3.5E-06	218999_PM_at	TMEM140	0.316261	8.759074	5.051653	8.05E-07	5.19E-06	5.179827
ADCYAP1	230237_PM_at	1.3	0.3	1.7E-04	224781_PM_s_at	RBM17	0.316009	10.16595	7.019739	1.78E-11	3.30E-10	15.55452
DJAPH2	205603_PM_s_at	1.3	0.3	1.0E-04	208923_PM_at	CYFIP1	0.315728	10.01164	6.951071	2.70E-11	4.82E-10	15.15086
CLIC1	208659_PM_at	1.3	0.3	4.9E-05	1558942_PM_at	ZNF765	0.315339	6.092699	5.074465	7.22E-07	4.70E-06	5.284684
S100A6	217728_PM_at	1.3	0.3	3.5E-08	201772_PM_at	AZIN1	0.315104	8.497628	5.224778	3.48E-07	2.43E-06	5.985319
SP4	236265_PM_at	1.3	0.3	1.1E-04	214615_PM_at	P2RY10	0.314825	3.281088	5.17726	4.39E-07	3.00E-06	5.762018
GYG1	201554_PM_x_at	1.3	0.3	3.1E-03	213427_PM_at	RPP40	0.314556	7.004423	4.990175	1.08E-06	6.75E-06	4.899179
CRYAB	209283_PM_at	1.3	0.3	3.4E-04	217750_PM_s_at	UBE2Z	0.314515	8.939472	6.537153	3.10E-10	4.38E-09	12.77712
TRIM73	1554250_PM_s_at	1.3	0.3	7.1E-04	222409_PM_at	CORO1C	0.314049	8.10654	5.242936	3.18E-07	2.25E-06	6.071086
KIF18B	222039_PM_at	1.3	0.3	2.8E-05	217848_PM_s_at	PPA1	0.313826	11.2245	4.976593	1.15E-06	7.14E-06	4.839192
CBX5	209715_PM_at	1.3	0.3	3.3E-05	217256_PM_x_at	---	0.313493	10.59644	6.753148	8.77E-11	1.39E-09	14.00291
ZFR	201856_PM_s_at	1.3	0.3	3.5E-03	217946_PM_s_at	SAE1	0.313222	8.510992	6.037967	5.12E-09	5.53E-08	10.05671
PPRC1	203737_PM_s_at	1.3	0.3	3.7E-06	211058_PM_x_at	TUBA1B	0.313017	12.09053	6.887277	3.95E-11	6.83E-10	14.77832
CAA /// C4b /// LOC100292046	214428_PM_x_at	1.3	0.3	1.3E-02	226284_PM_at	ZBTB2	0.312592	7.403942	5.426897	1.27E-07	9.87E-07	6.953594
MAP3K7	206853_PM_s_at	1.3	0.3	1.8E-03	239021_PM_at	TLR6	0.312569	3.779956	5.264728	2.86E-07	2.05E-06	6.174343
GGA3	209411_PM_s_at	1.3	0.3	2.1E-05	208644_PM_at	PARP1	0.312492	8.719516	5.777366	2.08E-08	1.93E-07	8.701762
MIRAS	206538_PM_at	1.3	0.3	1.3E-05	218244_PM_at	NOL8	0.312385	8.299041	6.621813	1.89E-10	2.81E-09	13.25416
PTGER4	204896_PM_s_at	1.3	0.3	6.3E-09	218474_PM_s_at	KCTD5	0.312164	7.075875	5.806253	1.78E-08	1.69E-07	8.849677
HSPA14	219212_PM_at	1.3	0.3	1.1E-05	228281_PM_at	C11orf82	0.312135	3.687565	5.66499	3.75E-08	3.29E-07	8.131826
CLRF1	206315_PM_at	1.3	0.3	6.6E-04	208988_PM_at	KDM2A	0.31175	8.792259	5.69493	3.20E-08	2.86E-07	8.282816
ARL4A	205020_PM_s_at	1.3	0.3	2.0E-07	202943_PM_s_at	NAGA	0.310802	7.487347	5.062665	7.64E-07	4.95E-06	5.230394
TAF1A	206613_PM_s_at	1.3	0.3	1.5E-05	242167_PM_at	---	0.310792	4.11423	5.397865	1.47E-07	1.13E-06	6.812687
NCOA3	207700_PM_s_at	1.3	0.3	2.0E-03	227200_PM_at	ETV3	0.310708	7.965288	5.077511	7.11E-07	4.64E-06	5.298717
ZNF117	207605_PM_x_at	1.3	0.3	3.8E-04	236307_PM_at	---	0.309889	3.699267	5.082291	6.95E-07	4.55E-06	5.320748
GLIS3	229435_PM_at	1.3	0.3	1.4E-03	1555976_PM_s_at	---	0.308948	4.070974	5.213488	3.68E-07	2.56E-06	5.932115
ZNF217	203739_PM_at	1.3	0.3	2.2E-04	1558568_PM_at	CD44	0.308832	3.412546	6.060341	4.52E-09	4.95E-08	10.17565
LRRC69	238214_PM_at	1.3	0.3	3.6E-05	205909_PM_at	POLE2	0.30875	3.786011	5.78959	1.98E-08	1.86E-07	8.745657
GPR68	229055_PM_at	1.3	0.3	4.4E-05	1558517_PM_s_at	LRRC8C	0.308461	4.143037	6.336267	9.75E-10	1.23E-08	11.6631
WDR75	224721_PM_at	1.3	0.3	5.1E-06	232918_PM_at	LOC541471	0.308366	3.934581	5.056659	7.86E-07	5.08E-06	5.20280
MPZL3	227747_PM_at	1.3	0.3	8.9E-07	202362_PM_at	RAP1A	0.308137	10.48688	8.209913	9.05E-15	3.21E-13	22.96012
ZRSR2	208174_PM_x_at	1.3	0.3	3.1E-05	202466_PM_at	PAPD7	0.308086	8.227443	5.045404	8.30E-07	5.34E-06	5.151169
ACYP1	205260_PM_s_at	1.3	0.3	7.1E-06	221842_PM_s_at	ZNF131	0.307825	7.842535	5.608147	5.03E-08	4.30E-07	7.846889
SGTB	228745_PM_at	1.3	0.3	2.1E-04	223397_PM_s_at	NIP7	0.307588	7.210126	5.729618	2.67E-08	2.43E-07	8.458528
MTMR9L	228593_PM_at	1.3	0.3	1.5E-04	201783_PM_s_at	RELA	0.307123	8.721537	5.105259	6.23E-07	4.12E-06	5.426851
PKIB	223551_PM_at	1.3	0.3	3.5E-03	218809_PM_at	PANK2	0.306922	8.376257	5.074887	7.21E-07	4.70E-06	5.286629
SMARCA5	202303_PM_x_at	1.3	0.3	8.3E-05	230968_PM_at	---	0.306914	3.752096	5.019821	9.38E-07	5.95E-06	5.034159
PLA2G4C	209785_PM_s_at	1.3	0.3	9.0E-06	1554708_PM_s_at	C9orf68	0.306504	4.746362	5.377442	1.63E-07	1.24E-06	7.13934
ARRDC4	225283_PM_at	1.3	0.3	4.2E-04	209205_PM_s_at	LMO4	0.306321	9.305652	5.111634	6.04E-07	4.00E-06	5.456371
MND1	223700_PM_at	1.3	0.3	3.1E-05	215411_PM_s_at	TRAF3IP2	0.306221	7.548093	5.250822	3.06E-07	2.17E-06	6.108412
ZNF532	220617_PM_s_at	1.3	0.3	2.2E-05	208805_PM_at	PSMA6	0.305997	10.93768	7.905141	6.76E-14	2.04E-12	20.93982
HMGXB4	212596_PM_s_at	1.3	0.3	1.8E-11	218192_PM_at	IP6K2	0.305384	7.789035</				

TET2	227624_PM_at	1.3	0.3	2.0E-05	242723_PM_at	---	0.299261	3.605259	5.493518	9.07E-08	7.28E-07	7.279217
IL33	209821_PM_at	1.3	0.3	6.7E-03	231484_PM_at	---	0.299045	3.471372	5.084859	6.88E-07	4.50E-06	5.331347
TAGLN2	200916_PM_at	1.3	0.3	4.0E-04	234377_PM_at	TRBV7-8	0.298982	3.587747	5.468701	1.03E-07	8.14E-07	7.157547
ATXN1	203231_PM_s_at	1.3	0.3	1.6E-04	1558511_PM_s_at	ESY2T	0.298662	7.857779	5.121678	5.75E-07	3.84E-06	5.502946
ADAM10	202603_PM_at	1.3	0.3	3.7E-03	214009_PM_at	MSL3	0.298387	4.427815	5.088775	6.74E-07	4.42E-06	5.350665
MYL12A	201319_PM_at	1.3	0.3	5.2E-06	220746_PM_s_at	UIMC1	0.297617	7.863196	5.344451	1.92E-07	1.43E-06	6.555038
EDNRB	204271_PM_s_at	1.3	0.3	8.4E-03	215136_PM_s_at	EXOSC8	0.29744	8.531009	5.358025	1.80E-07	1.35E-06	6.620318
LDHA	200650_PM_s_at	1.3	0.4	8.8E-09	214749_PM_s_at	ARMCX66 /// LOC653354	0.297293	9.814978	5.562725	6.36E-08	5.31E-07	7.620837
CDK11A	212401_PM_s_at	1.3	0.4	1.0E-07	221774_PM_x_at	FAM48A	0.297142	8.728042	5.648891	4.07E-08	3.55E-07	8.050899
ANKRD10	218093_PM_s_at	1.3	0.4	4.0E-03	205324_PM_s_at	FTS1J	0.297135	7.86532	6.525444	3.31E-10	4.65E-09	12.71149
C3orf62	241817_PM_at	1.3	0.4	1.5E-06	1552623_PM_at	HSH2D	0.297093	3.46226	5.234436	3.32E-07	2.33E-06	6.030906
HSPB11	203960_PM_s_at	1.3	0.4	2.6E-04	1560142_PM_at	GRIK2	0.296991	4.238595	5.618496	4.77E-08	4.10E-07	7.898601
FSCN1	201564_PM_s_at	1.3	0.4	3.8E-06	217540_PM_at	FAM55C	0.296604	3.516514	5.350243	1.87E-07	1.40E-06	6.582877
FNBP4	212232_PM_at	1.3	0.4	2.9E-04	222609_PM_s_at	EXOSC1	0.296445	8.599557	6.385363	7.38E-10	9.55E-09	11.933
UBASH3B	228353_PM_x_at	1.3	0.4	4.9E-07	212356_PM_at	KHNYN	0.296201	7.485553	5.440997	1.18E-07	9.24E-07	7.022244
MS42	207496_PM_at	1.3	0.4	3.7E-06	201622_PM_at	SNDI	0.295927	9.289446	6.075446	4.17E-09	4.59E-08	10.25533
C7orf23	204215_PM_at	1.3	0.4	3.4E-05	200079_PM_s_at	KARS	0.295587	9.774386	6.169494	2.48E-09	2.87E-08	10.75783
SLC35E2	215169_PM_at	1.3	0.4	1.7E-03	233784_PM_at	---	0.295197	3.41707	5.087744	6.77E-07	4.44E-06	5.345906
FAM46A	221766_PM_s_at	1.3	0.4	3.5E-05	201751_PM_at	JOSD1	0.294657	7.485386	5.945417	8.46E-09	8.64E-08	9.570251
CX3CL1	203687_PM_at	1.3	0.4	5.7E-04	213589_PM_s_at	B3GNL1	0.294346	4.822315	5.005758	1.00E-06	6.32E-06	4.970046
ZNF641	226509_PM_at	1.3	0.4	6.2E-05	209787_PM_s_at	HMGN4	0.294223	9.847138	6.493917	3.97E-10	5.45E-09	12.53521
CND3	201700_PM_at	1.3	0.4	6.1E-07	213860_PM_x_at	CSNK1A1	0.293829	9.506997	6.522477	2.83E-10	4.04E-09	12.86314
ZPLD1	1561969_PM_at	1.3	0.4	3.0E-04	230856_PM_at	---	0.293799	4.238604	5.626103	4.59E-08	3.96E-07	7.936653
PTPN18	203555_PM_at	1.3	0.4	1.6E-07	223700_PM_at	MND1	0.293645	3.492811	5.578861	5.86E-08	4.93E-07	7.700975
GTPBP4	217631_PM_at	1.3	0.4	4.7E-04	222609_PM_s_at	RPL36A	0.293607	11.93531	6.850129	4.18E-11	8.33E-10	14.56249
PSMA4	203396_PM_at	1.3	0.4	2.2E-08	224553_PM_s_at	TNFRSF18	0.293559	3.693253	6.219544	1.88E-09	2.23E-08	11.02762
UIMC1	220746_PM_s_at	1.3	0.4	1.9E-07	200005_PM_at	EIF3D	0.293543	10.27002	7.004309	1.96E-11	1.35E-10	15.46358
FAM81B	240065_PM_at	1.3	0.4	3.4E-04	223209_PM_s_at	SELS	0.293294	9.502429	7.241364	4.59E-12	9.50E-11	16.87584
EMP1	201324_PM_at	1.3	0.4	1.5E-03	232792_PM_at	TRIM69	0.292884	3.982622	7.148711	8.12E-12	1.60E-10	16.32005
ARMC3	240275_PM_at	1.3	0.4	1.6E-07	224809_PM_x_at	TINF2	0.292864	8.97805	6.705196	1.16E-10	1.79E-09	13.72832
TBC1D3 /// TBC1D3C /// TBC1D3	209403_PM_at	1.3	0.4	1.4E-03	1553133_PM_at	C9orf72	0.29284	3.981897	5.412283	1.37E-07	1.06E-06	6.882591
ANAPC4	226917_PM_s_at	1.3	0.4	3.1E-08	1565913_PM_at	---	0.292779	3.514036	4.984375	7.11E-06	6.92E-06	4.872852
ARHGAP17	218076_PM_s_at	1.3	0.4	1.9E-07	200609_PM_s_at	WDR1	0.292606	10.31452	8.15056	1.34E-14	3.62E-13	22.57365
OIP5	213599_PM_at	1.3	0.4	3.3E-03	1561363_PM_s_at	---	0.291884	3.203608	6.19913	2.10E-09	2.47E-08	10.91738
NFKB1	209239_PM_at	1.3	0.4	6.8E-04	201305_PM_x_at	ANP32B	0.291085	10.79277	5.724534	2.74E-08	2.49E-07	8.432274
GPR107	211977_PM_at	1.3	0.4	6.9E-05	216438_PM_s_at	TMSB4X /// TMSL3	0.290914	12.9796	9.78777	4.18E-14	1.31E-12	21.46468
RFTN1	212646_PM_at	1.3	0.4	1.7E-11	205340_PM_at	ZBTB24	0.290146	7.07058	5.185476	4.22E-07	2.89E-06	5.800507
CASP8A2	222201_PM_s_at	1.3	0.4	2.2E-03	224721_PM_at	WDR75	0.290051	8.438553	6.41741	6.15E-10	8.09E-09	12.11001
HNRNP11	201031_PM_s_at	1.3	0.4	7.0E-05	200826_PM_at	SNRPD2	0.289854	11.17851	6.526707	3.29E-10	4.62E-09	12.71857
ORA1	226531_PM_at	1.3	0.4	5.5E-04	213051_PM_at	ZC3H4A	0.289784	7.13412	4.988946	1.09E-06	6.78E-06	4.893596
SFI1	213431_PM_x_at	1.3	0.4	8.0E-07	212483_PM_at	NIPBL	0.289753	7.844893	5.407665	1.40E-07	1.08E-06	6.860183
CCDC80	225241_PM_at	1.3	0.4	4.8E-02	213646_PM_x_at	TUBA1B	0.289658	12.03499	6.137151	2.97E-09	3.38E-08	10.58437
FAM89A	226448_PM_at	1.3	0.4	1.5E-04	215955_PM_s_at	ARHGAP26	0.289598	3.802338	5.669445	3.66E-08	3.22E-07	8.154255
CASP7	207181_PM_s_at	1.3	0.4	1.1E-05	242399_PM_at	---	0.289533	3.798704	5.127827	5.58E-07	3.74E-06	5.531492
RBPJ	207785_PM_s_at	1.3	0.4	1.9E-05	227079_PM_at	DXH8	0.289509	5.682918	5.202518	3.88E-07	2.68E-06	5.880508
TMX3	225302_PM_at	1.3	0.4	3.3E-06	213511_PM_s_at	MTMR1	0.289219	8.407019	5.48436	9.50E-08	7.58E-07	7.23427
APOL2	221013_PM_s_at	1.3	0.4	1.6E-04	201980_PM_s_at	RSU1	0.289042	9.169118	5.749231	2.41E-08	2.22E-07	8.558249
OAS3	218400_PM_at	1.3	0.4	5.2E-05	220012_PM_at	ERO1LB	0.288764	4.1537	5.979028	7.05E-09	7.38E-08	9.746256
SNX6	217789_PM_at	1.3	0.4	9.2E-07	211824_PM_x_at	NLRP1	0.287796	3.6902	5.553838	6.66E-08	5.53E-07	7.576778
TBX21	220684_PM_at	1.3	0.4	6.7E-07	220157_PM_x_at	PLEKHA8 /// PLEKHA9	0.28715	5.844772	6.659692	3.73E-08	3.28E-07	8.136721
TUBA1C	209251_PM_x_at	1.3	0.4	8.0E-06	218595_PM_s_at	HEATR1	0.286503	7.551251	5.294778	2.46E-07	1.79E-06	6.317296
MAD11	204857_PM_at	1.3	0.4	1.2E-03	40465_PM_at	DDX23	0.28606	7.30234	5.464604	1.05E-07	8.31E-07	7.134866
PAQR4	212858_PM_at	1.3	0.4	4.4E-05	224148_PM_at	FYB	0.285874	3.757801	5.827707	1.59E-08	1.53E-07	8.959903
TNFRSF4	214228_PM_x_at	1.3	0.4	9.4E-06	244612_PM_at	---	0.28564	3.562681	5.462956	1.06E-07	8.35E-07	7.129448
TACC1	200911_PM_s_at	1.3	0.4	5.0E-03	219306_PM_at	KIF15	0.285274	3.372743	5.964501	7.63E-09	7.88E-08	9.670091
RPL36	219762_PM_s_at	1.3	0.4	9.8E-08	203155_PM_at	SETD8	0.284981	7.52307	5.529361	7.55E-08	6.18E-07	7.455724
FADS1	208962_PM_s_at	1.3	0.4	6.2E-06	216383_PM_at	RPL18A /// RPL18AP3	0.284818	7.235461	5.078121	7.09E-07	4.63E-06	5.301529
BAGE2 /// BAGE4	1555408_PM_at	1.3	0.4	1.3E-03	218409_PM_s_at	DNAI3	0.284632	8.742094	6.074883	4.48E-09	4.60E-08	10.25234
FNDCC3B	218618_PM_s_at	1.3	0.4	6.7E-04	202276_PM_at	SFMF1	0.284606	9.542935	5.174041	4.46E-07	3.05E-06	5.746951
C20orf69 /// LOC100287060 ///	232953_PM_at	1.3	0.4	2.4E-05	222443_PM_s_at	RBMB8A	0.284228	8.851526	5.251834	3.05E-07	2.16E-06	6.113205
ARHGAP26	205068_PM_s_at	1.3	0.4	1.6E-06	223056_PM_s_at	XPOS	0.284183	7.362927	5.779161	2.06E-08	1.92E-07	8.710938
PIK3CD	203879_PM_at	1.3	0.4	1.4E-06	224586_PM_x_at	SUB1	0.283894	11.20457	7.136849	8.73E-12	1.70E-10	16.24924
WDR41	218055_PM_s_at	1.3	0.4	1.4E-05	1552323_PM_s_at	FAM122C	0.283786	3.666899	5.058056	7.81E-07	5.05E-06	5.209219
DLEU2 /// DLEU2L	215629_PM_s_at	1.3	0.4	1.8E-04	1560684_PM_x_at	BCL8	0.283227	3.422506	5.403	1.43E-07	1.10E-06	6.837566
GLT2D51	218473_PM_s_at	1.3	0.4	8.1E-07	215640_PM_at	TBC1D2B	0.283184	3.825293	5.230164	3.39E-07	3.38E-06	6.010735
KLF10	202393_PM_s_at	1.3	0.4	2.5E-05	237112_PM_at	---	0.283127	3.671758	5.862347	1.32E-08	1.29E-07	9.138542
C18orf1	207996_PM_s_at	1.3	0.4	3.7E-07	203947_PM_at	CSTF3	0.28301	8.132072	5.576043	5.94E-08	5.00E-07	7.686965
FAM60A	220147_PM_s_at	1.3	0.4	1.9E-05	216515_PM_x_at	PTMA	0.282511	11.46679	7.10516	1.06E-11	2.04E-10	16.06048
EXOSC10	207541_PM_s_at	1.3	0.4	1.1E-08	209898_PM_x_at	ITSN2	0.282492	8.963197	5.33963	1.97E-07	1.46E-06	6.531887
CDK24F1	201938_PM_at	1.3	0.4	2.8E-07	45687_PM_at	PRR14	0.282272	8.552717	4.969163	1.19E-06	7.39E-06	4.809313
C4orf47	236915_PM_at	1.3	0.4	8.8E-04	210294_PM_at	TAPBP	0.281755	4.059751	5.285393	2.58E-07	1.86E-06	6.272576
C17orf48	220606_PM_s_at	1.3	0.4	4.4E-05	226323_PM_at	ZNF830	0.281406	7.74742	5.079147	7.06E-07	4.61E-06	5.306254
TRERF1	229016_PM_s_at	1.3	0.4	2.4E-07	238464_PM_at	LOC100134365	0.280394	3.90171	5.418128	1.33E-07	1.03E-06	6.910968
DRAM2	225228_PM_at	1.3	0.4	2.3E-06	200943_PM_at	HMGNI	0.280236	11.15529	5.956701	7.96E-09	8.19E-08	9.629255
PLD2	202619_PM_s_at	1.3	0.4	6.8E-04	220049_PM_s_at	PDCD1LG2	0.279421	3.373245	5.646817	4.12E-08	3.59E-07	8.040484
UTP6	218715_PM_at	1.3	0.4	8.5E-06	218732_PM_at	PTRH2	0.279325	8.281583	5.135208	2.59E-07	3.62E-06	5.565799
C2orf89	227867_PM_at	1.3	0.4	1.7E-04	204228_PM_at	PPIH	0.279215	8.081889	5.43052	1.37E-07	9.71E-07	6.971218
ATP8B4	220416_PM_at	1.3	0.4	1.1E-03	1570200_PM_at	HELB	0.279114	4.256304	4.997161	1.04E-06	6.56E-06	4.930927
HRC1	235496_PM_at	1.3	0.4	1.2E-04	212586_PM_at	CAST	0.278889	10.19401	5.396993	1.48E-07	1.13E-06	6.808466
RAI2	219440_PM_at	1.3	0.4	3.2E-05	209572_PM_s_at	EED	0.278649	8.265527	5.995233	6.		

PFKFB3	202464_PM_s_at	1.3	0.4	1.8E-02	226175_PM_at	TTC9C	0.272952	7.530303	5.277607	2.68E-07	1.93E-06	6.235526
ABCC10	213485_PM_s_at	1.3	0.4	3.8E-07	200191_PM_s_at	ARL6IP5	0.272856	10.97261	5.462546	1.06E-07	8.36E-07	7.127349
DKK3	202196_PM_s_at	1.3	0.4	9.3E-04	201934_PM_at	WDR82	0.272829	10.04618	5.813221	1.72E-08	1.63E-07	8.885445
NBPF10	212854_PM_x_at	1.3	0.4	4.0E-05	1559018_PM_at	PTPRE	0.272751	3.421186	5.402458	1.44E-07	1.10E-06	6.834939
GDF15 /// LOC100292463	221577_PM_x_at	1.3	0.4	1.0E-02	205105_PM_at	MAN2A1	0.272666	9.39745	4.993279	1.06E-06	6.66E-06	4.913281
PON2	201876_PM_at	1.3	0.4	9.4E-03	214398_PM_s_at	IKBKE	0.272525	3.728501	5.304003	2.35E-07	1.71E-06	6.36131
RNASEH2A	203022_PM_at	1.3	0.4	1.7E-05	205930_PM_at	GTF2E1	0.272468	7.284345	5.2813	2.63E-07	1.90E-06	6.253095
CAD	202715_PM_at	1.3	0.4	6.0E-04	242644_PM_at	TMC8	0.272389	3.650465	5.040526	8.49E-07	5.45E-06	5.128822
PTGS2	204748_PM_at	1.3	0.4	1.4E-06	207874_PM_s_at	CFHR4	0.272138	3.450078	5.342396	1.94E-07	1.44E-06	6.545171
KLHL13	227875_PM_at	1.3	0.4	1.3E-04	1554415_PM_at	TAF5L	0.272154	4.527593	5.085537	6.85E-07	4.49E-06	5.335719
SRGAP2	213329_PM_at	1.3	0.4	7.1E-06	214047_PM_s_at	MBD4	0.271758	4.989885	6.120575	3.25E-09	3.67E-08	10.49573
SHISA5	222986_PM_s_at	1.3	0.4	1.2E-06	241930_PM_x_at	---	0.268813	9.827676	5.600626	5.23E-08	4.45E-07	7.809359
ZNF92	235170_PM_at	1.3	0.4	1.6E-06	232736_PM_s_at	POM121LRP /// POM121LP	0.271562	3.667482	5.190468	4.12E-07	2.83E-06	5.823919
LIMK2	202193_PM_at	1.3	0.4	5.7E-07	209476_PM_at	TMX1	0.271339	9.456624	5.955111	8.02E-09	4.52E-08	9.620937
SCARB2	201646_PM_at	1.3	0.4	3.3E-06	207877_PM_s_at	NVL	0.271309	6.665557	5.153848	4.92E-07	3.34E-06	5.652612
KLFS	209211_PM_at	1.3	0.4	1.0E-03	220966_PM_x_at	ARPC5L	0.270874	9.958674	5.170206	4.54E-07	3.10E-06	5.729014
TEP1	205727_PM_at	1.3	0.4	8.0E-08	224985_PM_at	NRAS	0.270799	9.234321	5.679546	3.47E-08	3.08E-07	8.205158
HJURP	218726_PM_at	1.3	0.4	4.3E-05	222680_PM_s_at	DTL	0.270771	3.452512	5.384748	1.57E-07	1.19E-06	6.749226
C6orf115	223361_PM_at	1.3	0.4	7.3E-05	239551_PM_at	---	0.270035	3.481177	6.434577	5.58E-10	7.42E-09	12.2051
SDCBP	200958_PM_s_at	1.3	0.4	1.2E-08	1562511_PM_at	LYST	0.269868	3.705434	4.966418	1.21E-06	7.47E-06	4.791491
IRAK3	213817_PM_at	1.3	0.4	8.2E-07	201407_PM_s_at	PPP1CB	0.268813	9.827676	5.081784	6.97E-07	5.45E-06	5.318412
EID3	231292_PM_at	1.3	0.4	4.5E-06	1558588_PM_at	---	0.268472	3.65397	6.458068	4.88E-10	6.57E-09	12.33551
NPAS2	213462_PM_at	1.3	0.4	4.1E-04	231241_PM_at	LOC645744	0.268429	3.595612	5.662284	3.80E-08	3.33E-07	8.118214
LQK1	235126_PM_at	1.3	0.4	9.9E-03	217795_PM_s_at	TMEM43	0.268064	8.726354	5.359219	1.79E-07	1.34E-06	6.626068
KIAA1462	213316_PM_at	1.3	0.4	1.7E-04	208975_PM_s_at	KPNB1	0.267712	9.259266	6.075554	4.16E-09	4.59E-08	10.25591
FAP	209955_PM_s_at	1.3	0.4	2.8E-02	224399_PM_at	PDCD1LG2	0.267127	3.495939	5.663588	3.77E-08	3.31E-07	8.124775
DEK	200934_PM_at	1.3	0.4	1.1E-08	1566622_PM_at	---	0.266435	6.324043	4.963284	1.23E-06	7.57E-06	4.777319
RBM26	218422_PM_s_at	1.3	0.4	4.9E-06	202653_PM_s_at	7-Mar	0.266281	9.32839	6.169899	2.48E-09	2.87E-08	10.76001
ATRX	208859_PM_s_at	1.3	0.4	4.2E-03	219035_PM_s_at	RNF34	0.265816	8.545372	5.612947	4.91E-08	4.21E-07	8.780655
TPSAB1 /// TPSB2	207134_PM_x_at	1.3	0.4	1.1E-03	222182_PM_s_at	CNOT2	0.265349	8.945477	6.586967	2.32E-10	3.37E-09	13.05728
SQRDL	217995_PM_at	1.3	0.4	4.6E-06	200039_PM_s_at	PSMB2	0.265212	10.22614	6.552259	2.84E-10	4.04E-09	12.86191
C18orf54	229442_PM_at	1.3	0.4	1.1E-07	208010_PM_s_at	PTPN22	0.265188	3.287999	5.692669	3.24E-08	2.89E-07	8.271392
LGALS8	208933_PM_s_at	1.3	0.4	1.9E-05	202347_PM_s_at	UBE2K	0.264989	9.159115	5.222382	3.52E-07	2.46E-06	5.974021
CASP8	207686_PM_s_at	1.3	0.4	2.6E-05	231303_PM_at	NCRNA00158	0.26465	3.307042	5.530905	7.49E-08	6.14E-07	7.463344
POLE2	205909_PM_at	1.3	0.4	8.7E-06	1552772_PM_at	CLEC4D	0.264391	3.482569	5.463409	1.06E-07	8.33E-07	7.131662
PHIP	212542_PM_s_at	1.3	0.4	2.6E-06	215811_PM_at	---	0.264318	3.62109	5.316946	2.21E-07	1.62E-06	6.423172
EEA1	204840_PM_s_at	1.3	0.4	7.8E-04	223269_PM_at	POLR3GL	0.263871	8.503861	5.393247	1.51E-07	1.15E-06	6.790332
LRRK2	229584_PM_at	1.3	0.4	8.9E-04	204145_PM_at	FRG1	0.263619	9.25913	6.093582	3.77E-09	4.20E-08	10.35178
NOD1	221073_PM_s_at	1.3	0.4	2.6E-07	229221_PM_at	CD44	0.263356	5.523426	5.995003	6.46E-09	6.83E-08	9.83017
PNMA2	209597_PM_s_at	1.3	0.4	2.5E-05	243222_PM_at	---	0.263043	3.95282	5.056809	7.86E-07	5.08E-06	5.203493
ZCCHC2	219062_PM_s_at	1.3	0.4	1.4E-03	204788_PM_at	---	0.26238	3.38967	6.664948	3.75E-08	3.29E-07	8.131614
SI1P3	228176_PM_s_at	1.3	0.4	1.3E-07	201528_PM_at	RPA1	0.261743	9.149255	6.274214	1.38E-09	1.69E-08	11.32416
FUT8	203988_PM_s_at	1.3	0.4	6.2E-05	200968_PM_s_at	PP1B	0.26169	11.37507	5.649389	4.06E-08	3.55E-07	8.053399
EP400	212375_PM_at	1.3	0.4	1.5E-08	201345_PM_s_at	UBE2D2	0.261453	9.345864	5.760623	2.27E-08	2.10E-07	8.616291
IKBKE	204549_PM_at	1.3	0.4	1.2E-07	202808_PM_at	C10orf26	0.26142	8.721217	5.512873	8.22E-08	6.66E-07	7.374414
WDFY4	229597_PM_s_at	1.3	0.4	2.7E-05	201274_PM_at	PSMA5	0.261389	9.799848	5.682222	3.42E-08	3.04E-07	8.218652
SOC31	209999_PM_x_at	1.3	0.4	2.6E-04	208836_PM_at	ATP1B3	0.261214	10.40746	5.460429	1.07E-07	8.44E-07	7.117091
OGT	207563_PM_s_at	1.3	0.4	2.8E-03	233309_PM_at	---	0.261133	3.833529	5.384815	1.57E-07	1.19E-06	6.74955
USP10	209136_PM_s_at	1.3	0.4	1.5E-04	224789_PM_at	DCAF12	0.261005	8.497134	6.403359	6.67E-10	8.69E-09	12.03232
SUSD1	226264_PM_at	1.3	0.4	7.7E-05	205282_PM_at	LRP8	0.260925	3.698335	6.089104	3.87E-09	4.29E-08	10.32794
MIOS	206860_PM_s_at	1.3	0.4	5.1E-05	37943_PM_at	ZFYVE26	0.260146	7.013728	5.187684	4.17E-07	2.86E-06	5.810861
HP55	204544_PM_at	1.3	0.4	2.9E-05	200014_PM_s_at	HNRNPC	0.260131	10.57967	6.214377	1.93E-09	2.29E-08	10.99969
STRAP	1558002_PM_at	1.3	0.4	1.1E-03	222411_PM_s_at	SSR3	0.260084	10.19838	5.043231	8.39E-07	5.39E-06	5.141209
TNFRSF11B	204932_PM_at	1.3	0.4	5.9E-03	207067_PM_s_at	HDC	0.260077	3.605012	4.981428	1.13E-06	7.01E-06	4.859483
TMS64X /// TMSL3	216438_PM_s_at	1.3	0.4	6.6E-15	236199_PM_at	---	0.259908	3.66647	5.990432	6.63E-09	6.98E-08	9.806144
C11orf75	219806_PM_s_at	1.3	0.4	5.7E-05	45633_PM_at	GINS3	0.259582	3.88922	6.318616	1.08E-09	1.34E-08	11.56644
EWSR1 /// FU1	211825_PM_s_at	1.3	0.4	3.6E-04	231094_PM_s_at	MTFDF1L	0.259118	3.971585	5.312086	2.26E-07	1.65E-06	6.399929
HK2	202934_PM_at	1.3	0.4	5.4E-06	202522_PM_at	PITPNB	0.258974	9.398494	6.850708	4.92E-11	8.31E-10	14.56585
NFATC1	208196_PM_x_at	1.3	0.4	2.5E-04	200639_PM_s_at	YWHAZ	0.258428	10.70457	5.606567	3.69E-10	5.11E-09	12.66637
LOC100129550	229699_PM_at	1.3	0.4	7.0E-05	200705_PM_s_at	EEF1B2	0.2584	11.72102	5.866832	1.29E-08	1.26E-07	9.16173
MED7	204349_PM_at	1.3	0.4	1.2E-03	225336_PM_at	SFRS2IP	0.258232	9.427906	5.749949	2.40E-08	2.21E-07	8.561905
LOC100292228 /// RRN3 /// RR	230328_PM_at	1.3	0.4	7.4E-06	226538_PM_at	MAN2A1	0.258018	9.976485	5.701686	3.00E-08	2.77E-07	8.316974
ZNF430	206829_PM_x_at	1.3	0.4	6.7E-06	1555071_PM_at	TLL1	0.257688	3.373281	5.151549	4.98E-07	3.37E-06	5.641892
IFIT5	203595_PM_s_at	1.3	0.4	6.2E-07	225169_PM_at	INTS4	0.257649	7.27015	5.088263	6.76E-07	4.43E-06	5.3483
FMOD	202709_PM_at	1.3	0.4	2.8E-03	210772_PM_at	FPR2	0.256048	3.652984	5.129874	5.53E-07	3.71E-06	5.541003
Csorf28	219029_PM_at	1.3	0.4	3.5E-03	207541_PM_s_at	EXOSC10	0.255914	8.212216	5.688393	3.32E-08	2.95E-07	8.249799
CTSE	205927_PM_s_at	1.3	0.4	3.1E-04	201268_PM_at	NME1-NME2 /// NME2	0.255378	11.34777	6.371452	7.99E-10	1.02E-08	11.85637
GPR85	234303_PM_s_at	1.3	0.4	9.7E-05	237875_PM_at	---	0.255096	3.70785	5.000453	1.03E-06	6.46E-06	9.495901
CTCF /// HMGB1	216508_PM_x_at	1.3	0.4	2.4E-05	225319_PM_s_at	FAM104A	0.254718	7.834214	5.019172	9.40E-07	5.96E-06	5.031196
NSUN5P1	213670_PM_x_at	1.3	0.4	3.1E-07	225110_PM_at	OGFOD1	0.254631	8.79522	5.610166	4.98E-08	4.26E-07	7.856795
NPAT	209798_PM_at	1.3	0.4	3.6E-06	212548_PM_s_at	FRYL	0.254477	9.964449	5.199641	3.94E-07	2.72E-06	5.866986
USP34	207365_PM_x_at	1.3	0.4	1.4E-04	235266_PM_at	ATAD2	0.25341	3.591538	5.000476	1.03E-06	6.46E-06	9.496006
PHF20	206567_PM_s_at	1.3	0.4	8.7E-07	218117_PM_at	RBX1	0.25181	9.850397	5.311426	2.27E-07	1.66E-06	6.396774
PRDX4	201923_PM_at	1.3	0.4	2.1E-06	232581_PM_x_at	HIVEP3	0.251792	4.366481	5.14549	5.12E-07	3.46E-06	5.613655
SERTAD1	223394_PM_at	1.3	0.4	5.5E-05	236665_PM_at	CCDC18	0.251643	3.60461	5.493641	9.06E-08	7.27E-07	7.279823
ZCCHC18	230224_PM_at	1.3	0.4	1.6E-05	204323_PM_x_at	NF1	0.251384	3.856851	4.978439	1.14E-06	7.10E-06	4.845927
PFKP	201037_PM_at	1.3	0.4	1.3E-10	1553987_PM_at	C12orf47	0.251328	7.654712	5.396312	1.48E-07	1.13E-06	6.805171
FGD2	215602_PM_at	1.3	0.4	2.3E-06	201277_PM_s_at	HNRNPAB	0.250867	10.16553	6.939929	2.88E-11	5.12E-10	15.08562
ID2 /// ID2B	213931_PM_at	1.3	0.4	5.5E-04	202406_PM_s_at	TIAL1	0.250636	9.162107	5.59848	5.54E-08	4.70E-07	7.753815
TMEM43	217795_PM_s_at	1.3	0.4	1.2E-07	1560034_PM_a_at	---	0.25041	3.465122	5.841349	1.48E-08	1.43E-07	9.030157
PTMA	200772_PM_x_at	1.3	0.4	2.4E-12	231895_PM_at	SASS6	0.250296					

STIM2	225246_PM_at	1.3	0.4	1.0E-05	208617_PM_s_at	PTP4A2	0.238256	10.39836	5.060201	7.73E-07	5.00E-06	5.219071
E1F5B	201024_PM_x_at	1.3	0.4	6.8E-06	211759_PM_x_at	TBCB	0.238172	9.553117	5.581258	5.78E-08	4.88E-07	7.712895
ZSCAN29	226562_PM_at	1.3	0.4	2.2E-06	200090_PM_at	FNTA	0.237685	10.37746	7.309228	3.01E-12	6.55E-11	17.28597
ANGPTL7	206423_PM_at	1.3	0.4	8.8E-03	200754_PM_x_at	SFRS2	0.237194	10.50536	5.087148	6.79E-07	4.45E-06	5.343154
HAUS6	222685_PM_at	1.3	0.4	1.3E-06	211101_PM_x_at	LILRA2	0.236925	4.09714	5.391891	1.52E-07	1.16E-06	6.783771
ANP32B	201305_PM_x_at	1.3	0.4	1.4E-11	210466_PM_s_at	SERBP1	0.236624	10.22325	6.339572	9.57E-10	1.21E-08	11.68122
LOC100128868	1555392_PM_at	1.3	0.4	1.8E-06	201873_PM_s_at	ABCE1	0.236143	8.571559	5.389222	1.54E-07	1.17E-06	6.77086
RECLQ	205091_PM_x_at	1.3	0.4	2.4E-05	213507_PM_s_at	KPNB1	0.235979	10.29386	5.454196	1.11E-07	8.69E-07	7.08664
WTAP	203137_PM_at	1.3	0.4	5.5E-04	1568870_PM_at	---	0.235697	3.832024	5.561861	6.39E-08	5.33E-07	7.616552
HLA-DOA	206313_PM_at	1.3	0.4	1.1E-06	200037_PM_s_at	CBX3	0.235405	10.45038	6.182389	2.31E-09	2.69E-08	10.82718
HNRNPA2B1	205292_PM_s_at	1.3	0.4	1.3E-03	200076_PM_s_at	C19orf50	0.235377	8.60852	5.48748	9.35E-08	7.48E-07	7.249577
CCDC50	225331_PM_at	1.3	0.4	2.1E-05	217965_PM_s_at	SAP30B	0.235309	8.044182	5.430386	1.25E-07	9.72E-07	6.970566
GPRC5A	203108_PM_at	1.3	0.4	6.3E-03	235353_PM_at	SEL1L3	0.234077	3.666808	5.056756	7.86E-07	5.08E-06	5.203251
GALNT10	207357_PM_s_at	1.3	0.4	3.7E-07	203740_PM_at	MPHOSPH6	0.233004	8.75798	5.330507	2.06E-07	1.52E-06	6.48812
NRP1	210510_PM_s_at	1.3	0.4	2.0E-09	218163_PM_at	MCTS1	0.232808	9.1272	5.421581	1.31E-07	1.01E-06	6.927747
IGF2BP3	203819_PM_s_at	1.3	0.4	4.4E-07	201546_PM_at	TRIP12	0.232556	5.969065	5.467418	1.04E-07	8.19E-07	7.151271
HAUS3	210054_PM_at	1.3	0.4	1.4E-06	211939_PM_x_at	BTF3	0.231855	11.70135	5.265398	2.85E-07	2.04E-06	6.17752
FAM198B	219872_PM_at	1.3	0.4	3.3E-07	208929_PM_x_at	RPL13	0.230358	12.32664	5.247957	3.10E-07	2.20E-06	6.09485
ZWILCH	218349_PM_s_at	1.3	0.4	1.4E-06	227452_PM_at	---	0.2301	3.550167	4.968292	1.20E-06	7.41E-06	4.799972
DENND1C	221080_PM_s_at	1.3	0.4	2.5E-05	236420_PM_s_at	ANO4	0.22993	3.646859	5.546394	6.92E-08	5.72E-07	7.53992
C19orf22	221764_PM_at	1.3	0.4	2.1E-04	218288_PM_s_at	CCDC90B	0.229316	8.878728	5.418447	1.33E-07	1.03E-06	6.912517
GCA	203765_PM_at	1.3	0.4	3.9E-05	1555898_PM_at	LOC400986	0.228155	4.314518	5.018977	9.41E-07	5.97E-06	5.030307
FLJ35776	238432_PM_at	1.3	0.4	1.4E-09	212363_PM_x_at	ACTG1	0.228096	11.94358	5.231247	3.37E-07	2.36E-06	6.015845
GORAB	226337_PM_at	1.3	0.4	3.9E-06	230537_PM_at	---	0.228018	3.631621	5.35067	1.87E-07	1.39E-06	6.584933
PIM1	209193_PM_at	1.3	0.4	2.3E-03	213151_PM_s_at	---	0.227978	11.12687	5.342656	1.94E-07	1.44E-06	6.546416
CENPM	218741_PM_at	1.3	0.4	8.1E-05	210690_PM_at	KLRC4	0.227488	3.281637	4.997049	1.04E-06	6.56E-06	4.93042
TRIM34 /// TRIM6-TRIM34	221044_PM_s_at	1.3	0.4	6.4E-07	218646_PM_at	C4orf27	0.22727	8.538637	5.730923	2.65E-08	2.41E-07	8.465154
JAM2	219213_PM_at	1.3	0.4	1.0E-02	200715_PM_x_at	RPL13A	0.227061	11.7092	6.451205	5.07E-10	6.81E-09	12.29738
TXNDC3	220384_PM_at	1.3	0.4	6.6E-07	234992_PM_x_at	ECT2	0.226758	3.488887	5.868607	1.28E-08	1.25E-07	9.170909
FAM111A	218248_PM_at	1.3	0.4	7.0E-08	1553581_PM_s_at	SFRS12IP1	0.226741	9.14203	5.014635	9.61E-07	6.08E-06	5.010499
MGA	212945_PM_s_at	1.3	0.4	5.3E-05	228230_PM_at	PRIC285	0.225868	3.790077	5.221689	3.53E-07	2.47E-06	5.970755
SMG1	210057_PM_at	1.3	0.4	1.7E-04	200891_PM_s_at	SSR1	0.224947	10.8574	5.447463	1.15E-07	8.97E-07	7.053777
SLA2	232234_PM_at	1.3	0.4	5.4E-07	217655_PM_at	LOC100127972	0.224728	3.368376	5.103387	6.28E-07	4.55E-06	5.418191
GPX1	200736_PM_s_at	1.3	0.4	3.2E-07	200840_PM_at	KARS	0.223865	11.15601	6.491419	4.03E-10	5.12E-09	12.52127
KDELR3	204017_PM_at	1.3	0.4	5.7E-03	241947_PM_at	LOC100233209	0.223825	3.558897	5.250885	3.06E-07	2.17E-06	6.108709
C9orf21	227534_PM_at	1.3	0.4	8.2E-06	208692_PM_at	RP53	0.222904	11.96416	6.070813	4.27E-09	4.70E-08	10.23073
FRYL	212546_PM_s_at	1.3	0.4	5.9E-03	210998_PM_s_at	HGF	0.222786	3.801342	5.013972	9.64E-07	6.10E-06	5.007475
BRD2	208685_PM_x_at	1.3	0.4	1.2E-06	200829_PM_x_at	ZNF207	0.221631	9.632364	5.470708	1.02E-07	8.06E-07	7.167373
GADD45B	207574_PM_s_at	1.3	0.4	1.5E-04	214271_PM_x_at	RPL12	0.220959	12.36372	7.552396	6.54E-13	1.59E-11	18.77631
KCNNA	204401_PM_at	1.3	0.4	1.8E-04	213251_PM_at	SMARCA5	0.220667	8.959538	5.393033	1.51E-07	1.15E-06	6.789296
PPP1R14B	212680_PM_s_at	1.3	0.4	5.5E-06	200967_PM_at	PIPB	0.219434	11.51098	5.967207	7.52E-09	7.79E-08	9.684268
DICER1	206061_PM_x_at	1.3	0.4	1.6E-04	243557_PM_at	---	0.219328	3.483813	5.166379	4.63E-07	3.15E-06	5.711222
DSE	218854_PM_at	1.3	0.4	2.7E-11	201757_PM_at	NDUF55 /// RPL10	0.218998	11.41054	5.628929	4.50E-08	3.89E-07	7.955311
AGFG1	213926_PM_s_at	1.3	0.4	9.9E-09	200066_PM_at	IK	0.218643	9.343673	5.460152	1.07E-07	8.45E-07	7.115739
CAST	207467_PM_x_at	1.3	0.4	9.4E-07	200713_PM_s_at	MAPRE1	0.217368	10.21094	6.004611	6.14E-09	6.51E-08	9.880725
ARL6IP5	200760_PM_s_at	1.3	0.4	5.6E-08	222751_PM_at	HERPUD2	0.213619	8.606077	5.070317	7.37E-07	4.79E-06	5.265589
SYNC	221276_PM_s_at	1.3	0.4	3.0E-02	203316_PM_s_at	SNRPE	0.213351	10.89133	5.240439	3.22E-07	2.27E-06	6.059278
GNL2	201948_PM_at	1.3	0.4	6.6E-07	223157_PM_at	C4orf14	0.212837	8.670868	5.354658	1.83E-07	1.37E-06	6.604114
C1orf103	220235_PM_s_at	1.3	0.4	3.7E-04	240102_PM_at	---	0.212375	3.614289	4.99823	1.04E-06	6.52E-06	4.935789
PABPC1L	226670_PM_s_at	1.3	0.4	1.1E-04	215823_PM_x_at	PABPC1 /// RLM	0.210473	11.43207	6.122193	3.22E-09	3.64E-08	10.50438
CD27	217878_PM_at	1.3	0.4	1.3E-08	202846_PM_s_at	PIGC	0.208074	10.521469	5.376154	1.64E-07	1.24E-06	6.707714
ANXA5	200782_PM_at	1.3	0.4	1.0E-09	201899_PM_s_at	UBE2A	0.207764	9.642292	5.396676	1.48E-07	1.13E-06	6.806932
FIX1	219522_PM_at	1.3	0.4	3.8E-06	201574_PM_at	ETF1	0.205802	9.267649	5.255002	3.00E-07	2.13E-06	6.128217
PPWD1	213483_PM_at	1.3	0.4	1.1E-05	201891_PM_s_at	B2M	0.203856	13.2436	8.432962	2.02E-15	8.04E-14	24.42726
MYADM	224920_PM_x_at	1.3	0.4	1.8E-04	229356_PM_x_at	INO80	0.203395	9.932659	5.069165	7.41E-07	4.82E-06	5.260287
PML	206503_PM_x_at	1.3	0.4	4.0E-06	214205_PM_x_at	GLRX3	0.20269	8.222678	5.124565	5.67E-07	3.79E-06	5.516346
PLKA	204886_PM_at	1.3	0.4	1.1E-06	225082_PM_at	CPF3	0.202006	8.188976	5.314758	2.23E-07	1.64E-06	6.412708
GGT5	205582_PM_s_at	1.3	0.4	2.3E-04	218465_PM_at	PSMG2	0.20011	10.48524	6.344162	9.33E-10	1.18E-08	11.7064
PRR24	227325_PM_at	1.3	0.4	2.9E-05	218171_PM_at	VPS4B	0.199683	8.76065	5.229663	3.39E-07	2.38E-06	6.009312
JAZF1	225798_PM_at	1.3	0.4	2.9E-05	221798_PM_x_at	---	0.199125	12.87912	6.600998	2.14E-10	3.14E-09	13.13646
TMEM123	211967_PM_at	1.3	0.4	2.5E-06	207205_PM_at	CEACAM4	0.197061	3.730668	5.209511	3.75E-07	2.60E-06	5.913395
HGF	209960_PM_at	1.3	0.4	2.4E-07	212766_PM_s_at	ISG20L2	0.1954	7.830401	5.174066	4.46E-07	3.05E-06	5.74708
BICD1	204741_PM_at	1.3	0.4	1.6E-07	200858_PM_s_at	RP58	0.195395	12.0489	5.628763	4.52E-08	3.91E-07	7.949969
BTG2	201235_PM_s_at	1.3	0.4	1.8E-06	212988_PM_at	ACTG1	0.195127	12.44502	5.779869	2.05E-08	1.92E-07	8.714558
INTS7	218783_PM_at	1.3	0.4	6.7E-07	201400_PM_at	PSMB3	0.195115	10.55996	5.054381	7.95E-07	5.13E-06	5.192345
JTGAU	202351_PM_at	1.3	0.4	9.9E-07	209323_PM_at	PRKRIR	0.193087	8.877124	5.038267	8.59E-07	5.50E-06	5.118476
EBI3	219424_PM_at	1.3	0.4	1.0E-05	212626_PM_x_at	HNRNPC	0.190735	10.94676	5.448266	1.14E-07	8.94E-07	7.057695
DNAJC10	221781_PM_s_at	1.3	0.4	1.3E-05	221647_PM_s_at	RIC8A	0.188763	9.355785	5.113141	5.99E-07	3.98E-06	5.463355
BTG1	200920_PM_s_at	1.3	0.4	1.7E-07	225554_PM_s_at	ANAPC7	0.187926	8.625971	5.021491	9.30E-07	5.90E-06	5.041783
CD58	205173_PM_x_at	1.3	0.4	1.7E-03	213801_PM_x_at	RP5A	0.186574	12.41587	6.792369	6.96E-11	1.13E-09	14.22854
GPR132	223887_PM_at	1.3	0.4	4.5E-07	214737_PM_x_at	HNRNPC	0.185401	11.0688	5.128404	5.57E-07	3.73E-06	5.534174
ALX1	206837_PM_at	1.3	0.4	8.4E-03	203107_PM_x_at	RP52	0.185348	12.70185	6.74622	1.39E-10	2.11E-09	13.55397
TIAM1	206409_PM_at	1.3	0.4	5.3E-07	201999_PM_s_at	DYNLT1	0.185192	11.17759	5.553426	6.67E-08	5.54E-07	7.574737
PPP2R3C	218852_PM_at	1.3	0.4	3.6E-05	201575_PM_at	SNW1	0.183122	9.580591	4.983204	1.12E-06	6.96E-06	4.867537
ZNF708	239482_PM_x_at	1.3	0.4	1.3E-05	200809_PM_x_at	RPL12	0.182473	12.69717	7.016751	1.81E-11	3.35E-10	15.5369
CHKK	204193_PM_at	1.3	0.4	6.6E-09	225312_PM_at	COMMD6	0.18224	11.32274	5.488758	9.29E-08	7.44E-07	7.255849
POSTN	210809_PM_s_at	1.3	0.4	1.5E-02	229219_PM_s_at	PDXDC1	0.181781	3.76376	5.143315	5.18E-07	3.49E-06	5.603523
JHDM1D	221778_PM_at	1.3	0.4	3.5E-06	213687_PM_s_at	RPL35A	0.181005	12.30366	5.902823	1.06E-08	1.06E-07	9.348309
DPY19L1	212792_PM_at	1.3	0.4	6.0E-08	200901_PM_s_at	MTPSR	0.180166	9.278293	5.127533	5.59E-07	3.74E-06	5.530127
TSHZ3	223392_PM_s_at	1.3	0.4	2.6E-05	208113_PM_x_at	PABPC3	0.17962	11.79213	5.659727	3.85E-08	3.37E-07	8.105353
LOC10												

TNFRSF1A	207643_PM_s_at	1.3	0.4	3.6E-08	201134_PM_x_at	COX7C	-0.16043	12.40676	-6.16379	2.56E-09	2.96E-08	10.72718
LHX6	219884_PM_at	1.3	0.4	5.5E-04	200633_PM_at	UBB	-0.17471	13.22991	-6.76701	8.08E-11	1.29E-09	14.08256
LAMA2	205116_PM_at	1.3	0.4	1.5E-03	238556_PM_at	---	-0.17516	3.973048	-5.23482	3.31E-07	2.33E-06	6.032704
NHECD2	229491_PM_at	1.3	0.4	4.2E-10	207507_PM_s_at	ATP5G3	-0.17554	11.8969	-5.41704	1.34E-07	1.03E-06	6.905688
MFHAS1	213457_PM_at	1.3	0.4	1.5E-06	1552768_PM_at	CAMK11	-0.18085	3.810492	-5.07491	7.20E-07	4.70E-06	5.286747
LRCH4 /// SAP25	222017_PM_x_at	1.3	0.4	2.0E-07	224373_PM_s_at	DCAF6	-0.18304	13.64008	-6.86992	4.39E-11	7.48E-10	14.67739
PTGER2	206631_PM_at	1.3	0.4	4.6E-05	1535551_PM_s_at	LOC100131754	-0.18374	13.62131	-6.63402	1.76E-10	2.63E-09	13.32333
WDFY1	224800_PM_at	1.3	0.4	1.4E-05	213702_PM_x_at	ASAH1	-0.18713	12.13057	-5.04681	8.24E-07	5.30E-06	5.157598
PALMD	218736_PM_s_at	1.3	0.4	1.7E-02	1555653_PM_at	HNRNP33 /// HNRNP33P1	-0.18922	13.61845	-5.77616	2.09E-08	1.95E-07	8.695621
VWA5A	205011_PM_at	1.3	0.4	6.5E-10	212987_PM_at	FBXO9	-0.19079	10.28955	-5.51064	8.31E-08	6.73E-07	7.363407
PPP1R12A	201602_PM_s_at	1.3	0.4	5.2E-05	243987_PM_at	---	-0.19609	3.586251	-5.24981	3.08E-07	2.18E-06	6.103629
CNN2	201605_PM_x_at	1.3	0.4	4.4E-06	201227_PM_s_at	NDUFB8	-0.19737	11.04959	-5.02835	9.00E-07	2.76E-06	5.073091
ARHGAP4	204425_PM_at	1.3	0.4	1.4E-06	216269_PM_s_at	ELN	-0.19888	3.727237	-5.01494	9.60E-07	6.07E-06	5.011897
CHFR	218803_PM_at	1.3	0.4	6.7E-06	200822_PM_x_at	TP11	-0.20434	11.51078	-5.23664	3.28E-07	2.31E-06	6.0413
GNPMB	201141_PM_at	1.3	0.4	4.6E-03	1563222_PM_at	---	-0.20675	3.749446	-5.30834	2.30E-07	1.68E-06	6.382036
FIH1	219209_PM_at	1.3	0.4	6.7E-07	1552880_PM_at	SEC16B	-0.20733	3.636584	-4.96964	1.19E-06	7.38E-06	4.806086
E2F7	228033_PM_at	1.3	0.4	1.8E-06	222423_PM_at	NDIFP1	-0.20975	9.614808	-5.11725	5.88E-07	3.91E-06	5.482388
GBG71	231780_PM_at	1.3	0.4	1.5E-05	201568_PM_at	UQCRCQ	-0.20997	11.70897	-4.96693	1.20E-06	7.46E-06	4.793787
KITLG	226534_PM_at	1.3	0.4	5.5E-06	239909_PM_at	ADAMTS11	-0.21102	3.932787	-5.03706	8.64E-07	5.52E-06	5.112972
PCL0	210650_PM_s_at	1.3	0.4	2.2E-03	206329_PM_at	EXTL1	-0.21319	3.696058	-5.03144	8.87E-07	5.66E-06	5.087248
LOC389765	230815_PM_at	1.3	0.4	4.7E-05	229276_PM_at	IGSF9	-0.2139	3.641887	-5.0312	8.88E-07	5.67E-06	5.086134
EFHC2	220591_PM_s_at	1.3	0.4	2.7E-04	226297_PM_at	---	-0.21424	10.91844	-5.33038	2.06E-07	1.52E-06	6.487509
MAPK13	210058_PM_at	1.3	0.4	1.6E-05	1552842_PM_at	HS6ST3	-0.21646	3.527111	-5.29775	2.43E-07	2.76E-06	6.331452
VPREB3	220068_PM_at	1.3	0.4	1.3E-03	243805_PM_at	CCBE1	-0.21659	3.8424	-5.16336	4.70E-07	3.19E-06	5.697011
S100A3	206027_PM_at	1.3	0.4	1.7E-05	217660_PM_at	MYH14	-0.21813	3.858932	-5.00185	1.02E-06	6.42E-06	4.952257
LOC100132999	229872_PM_s_at	1.3	0.4	1.7E-06	228254_PM_at	STAM2	-0.21829	8.995065	-4.9762	1.15E-06	7.16E-06	4.835765
TMPO	203432_PM_at	1.3	0.4	5.8E-06	236136_PM_at	---	-0.21867	3.686625	-5.53489	7.34E-08	6.03E-07	7.48304
KIAA1524	231855_PM_at	1.3	0.4	1.8E-05	243457_PM_s_at	ZNF214	-0.21874	3.927949	-5.5461	6.93E-08	5.72E-07	7.538458
KHNY1	212355_PM_at	1.3	0.4	4.7E-10	205320_PM_at	APC2	-0.21891	9.122235	-5.24168	3.20E-07	2.26E-06	6.065139
AKR1B1	201272_PM_at	1.3	0.4	2.6E-04	211509_PM_s_at	RTN4	-0.21969	12.04997	-5.40333	1.43E-07	1.10E-06	6.83916
CBFB	202370_PM_s_at	1.3	0.4	7.5E-08	213433_PM_at	ARL3	-0.21987	3.946696	-5.64944	4.06E-08	3.54E-07	8.053679
RPL39L	210115_PM_at	1.3	0.4	2.9E-06	202515_PM_at	DLG1	-0.22008	9.355774	-5.22219	3.52E-07	2.46E-06	5.973102
SUB1	212857_PM_x_at	1.3	0.4	1.1E-09	200699_PM_at	KDEL2L	-0.22089	10.07904	-5.23296	3.34E-07	2.35E-06	6.023919
NOL8	218244_PM_at	1.3	0.4	7.6E-10	208678_PM_at	ATP6V1E1	-0.22134	10.86441	-5.54653	6.92E-08	5.72E-07	7.54061
CYorf15B	214131_PM_at	1.3	0.4	3.3E-02	1558183_PM_at	ZNF17	-0.22177	3.943182	-5.06676	7.49E-07	4.86E-06	5.249219
IL2RA	206341_PM_at	1.3	0.4	9.6E-05	227265_PM_s_at	STUB1	-0.22215	10.54855	-5.14741	5.08E-07	3.43E-06	5.622617
DENND3	212974_PM_at	1.3	0.4	1.3E-09	208943_PM_s_at	SEC62	-0.22221	10.77741	-5.11551	5.92E-07	3.94E-06	5.474344
FAM167B	223657_PM_at	1.3	0.4	6.6E-04	223338_PM_s_at	ATP1F1	-0.22252	11.67815	-5.21017	3.74E-07	2.59E-06	5.916516
IRF2	203275_PM_at	1.3	0.4	1.2E-07	210181_PM_s_at	CABP1	-0.22267	3.624272	-5.01821	9.45E-07	5.98E-06	5.02681
MPZL1	201874_PM_at	1.3	0.4	1.5E-08	238216_PM_at	QDPR	-0.22363	3.66171	-5.24893	3.09E-07	2.19E-06	6.09946
TMEM189-UBE2V1 /// UBE2V1	201001_PM_s_at	1.3	0.4	7.4E-07	215622_PM_x_at	PHF7	-0.22384	4.114049	-5.31575	2.22E-07	1.63E-06	6.417468
ZNF587	219981_PM_x_at	1.3	0.4	2.0E-06	244088_PM_at	---	-0.22406	3.718109	-5.05034	8.54E-08	6.89E-07	7.337334
RNGTT	204207_PM_s_at	1.3	0.4	6.6E-05	210638_PM_s_at	FBXO9	-0.2244	9.869765	-6.36167	8.45E-10	1.08E-08	11.80255
GLCC1	225700_PM_at	1.3	0.4	1.2E-04	214300_PM_s_at	TOP3A	-0.22724	3.71267	-5.49304	9.09E-08	7.29E-07	7.276868
FSTL3	203592_PM_s_at	1.3	0.4	5.8E-06	200030_PM_s_at	SLC25A3	-0.22869	12.12726	-5.53019	7.52E-08	6.16E-07	7.4598
MTF2	203345_PM_s_at	1.3	0.4	1.2E-08	238112_PM_at	LOC283177	-0.22913	3.921251	-5.30759	2.31E-07	1.69E-06	6.378422
RB1	203132_PM_at	1.3	0.4	8.2E-08	206735_PM_at	CHRNA4	-0.23013	3.802226	-5.43351	1.23E-07	9.57E-07	6.985772
B3GALT4	210205_PM_at	1.3	0.4	7.1E-07	1566602_PM_at	---	-0.23201	3.663945	-5.28746	2.55E-07	1.85E-06	6.282433
CCR1	205098_PM_at	1.3	0.4	2.9E-03	200925_PM_at	COX6A1	-0.23209	12.64929	-5.02331	9.22E-07	5.86E-06	5.050083
GOLGA8A /// GOLGA8B	210424_PM_s_at	1.3	0.4	3.0E-04	224260_PM_at	---	-0.23284	4.263044	-5.03054	8.91E-07	5.68E-06	5.083128
FBXO6	231769_PM_at	1.3	0.4	3.7E-04	220427_PM_at	OBSCN	-0.23332	3.810164	-6.0883	3.88E-09	4.31E-08	10.32369
RFC4	204023_PM_at	1.3	0.4	8.3E-07	224948_PM_at	MRPS24	-0.23468	11.00133	-5.035	8.72E-07	5.57E-06	5.103535
MKI67	212020_PM_s_at	1.3	0.4	5.1E-07	205537_PM_s_at	VAV2	-0.23516	3.879964	-5.21003	3.74E-07	2.60E-06	5.915814
NXT1	218708_PM_at	1.3	0.4	2.1E-07	224337_PM_s_at	FZD4	-0.2355	3.812822	-5.44414	1.17E-07	9.10E-07	7.037578
IKZF3	221092_PM_at	1.3	0.4	5.0E-05	1566924_PM_at	---	-0.23596	3.659237	-5.15343	4.93E-07	3.34E-06	5.650568
DOCK9	212538_PM_at	1.3	0.4	1.9E-04	1554078_PM_s_at	DNAJA3	-0.23602	9.288429	-4.9639	1.22E-06	7.55E-06	4.780089
TNF	207113_PM_s_at	1.3	0.4	3.7E-06	208970_PM_s_at	UROD	-0.23648	10.30431	-6.07358	4.21E-09	4.63E-08	10.2454
UBA6	218340_PM_s_at	1.3	0.4	1.3E-05	201093_PM_x_at	SDHA	-0.23757	10.58371	-5.02192	9.28E-07	5.89E-06	5.043762
CMTM6	217947_PM_at	1.3	0.4	1.0E-05	234694_PM_at	CNTRB0	-0.23773	3.853821	-5.23355	3.33E-07	2.34E-06	6.026713
NCAPD2	201774_PM_s_at	1.3	0.4	1.2E-05	223163_PM_s_at	ZC3HC1	-0.23792	7.83848	-5.5405	7.13E-08	5.87E-07	7.510772
SPATS2	218324_PM_s_at	1.3	0.4	3.3E-05	205058_PM_at	SLC26A1	-0.23811	3.631873	-5.64142	4.24E-08	3.69E-07	8.013382
VP58	209553_PM_at	1.3	0.4	7.5E-07	1562165_PM_at	---	-0.23867	3.778516	-5.26381	2.87E-07	2.05E-06	6.169966
AKAP5	230846_PM_at	1.3	0.4	9.9E-05	202077_PM_at	NDUFAB1	-0.24217	11.42733	-6.42947	5.74E-10	7.61E-09	12.17681
TRAF3	208315_PM_x_at	1.3	0.4	1.3E-08	236933_PM_at	EVPL1 /// LOC100132977	-0.24274	4.083588	-5.09345	6.59E-07	4.33E-06	5.37227
ARFGAP3	202211_PM_at	1.3	0.4	3.6E-06	201178_PM_at	FBXO7	-0.24475	9.963535	-4.99351	1.06E-06	6.65E-06	4.914321
HSPB8	221667_PM_s_at	1.3	0.4	1.1E-03	200810_PM_s_at	CIRBP	-0.24501	11.15056	-5.11257	6.01E-07	3.99E-06	5.460687
FAM54A	228069_PM_at	1.3	0.4	1.1E-07	204031_PM_s_at	PCBP2	-0.24513	11.33141	-6.92516	3.15E-11	5.55E-10	14.99923
LAMC2	202267_PM_at	1.3	0.4	1.7E-07	1557820_PM_at	AFG3L2	-0.24532	10.65512	-5.3226	2.15E-07	1.58E-06	6.450212
RASGRP1	205590_PM_at	1.3	0.4	2.2E-03	211733_PM_x_at	SCP2	-0.2455	11.59747	-6.42696	5.83E-10	7.71E-09	12.16286
SH3RF3	228461_PM_at	1.3	0.4	4.4E-07	240344_PM_x_at	LYRM7	-0.24686	8.476477	-5.13583	5.37E-07	3.61E-06	5.568712
H2AFY	207168_PM_s_at	1.3	0.4	1.4E-07	217573_PM_at	GRIN2C	-0.24847	3.966513	-5.38865	1.54E-07	1.18E-06	6.768092
CDH11	207172_PM_s_at	1.3	0.4	1.5E-03	230813_PM_at	LEPREL1	-0.24861	3.77193	-5.07611	7.16E-07	4.67E-06	5.292258
CDC5A	219890_PM_at	1.3	0.4	4.7E-05	221493_PM_at	TSPYL1	-0.24928	11.16986	-5.26849	2.81E-07	2.01E-06	6.19222
ACVRL1	210838_PM_s_at	1.3	0.4	3.3E-06	1570409_PM_x_at	---	-0.24955	3.873838	-5.04345	8.38E-07	5.38E-06	5.142205
CYR61	201289_PM_at	1.3	0.4	2.9E-03	239117_PM_at	---	-0.25011	4.037426	-5.22961	3.40E-07	2.38E-06	6.008101
GPR133	232267_PM_at	1.3	0.4	7.4E-04	207508_PM_at	ATP5G3	-0.25204	12.02427	-6.53514	3.13E-10	4.43E-09	12.76582
ZNF101	1552633_PM_at	1.3	0.4	4.8E-07	222219_PM_s_at	TLE6	-0.25208	3.869718	-5.26028	2.92E-07	2.08E-06	6.153255
INPP4A	204552_PM_at	1.3	0.4	1.0E-05	207383_PM_s_at	RHBDL1	-0.25224	3.674913	-6.19434	2.16E-09	2.53E-08	10.89155
UTP14A	221514_PM_at	1.3	0.4	6.3E-08	208128_PM_x_at	KIF25	-0.25232	4.153579	-4.96961	1.19E-06	7.38E-06	4.805947
NEURL3	232593_PM_at	1.3	0.4	3.2E-04	201707_PM_at	PEX19	-0.25359	8.279428	-5.19665	3.99E-07	2.75E-06	5.852949
CARS	202402_PM_s_at	1.3	0.4	9.0E-10	206083_PM_at	BAI1	-0.25436	4.06303	-5.19741	3.98E-07	2.75E-06	5.8565

ATP8B2	216873_PM_s_at	1.3	0.4	7.3E-08	218562_PM_s_at	TMEM57	-0.26812	6.466419	-4.98315	1.12E-06	6.96E-06	4.867275
SMC3	209257_PM_s_at	1.3	0.4	5.1E-03	216888_PM_at	LDB3	-0.26826	4.356782	-5.24134	3.21E-07	2.26E-06	6.063519
ERAP1	209701_PM_at	1.3	0.4	1.4E-06	222472_PM_at	AFTPH	-0.26887	9.461216	-5.38861	1.54E-07	1.18E-06	6.76789
PHACTR2	204047_PM_s_at	1.3	0.4	3.9E-04	210862_PM_s_at	SARDH	-0.2697	6.628037	-5.44542	1.16E-07	9.05E-07	7.04382
EFHC1	219833_PM_s_at	1.3	0.4	1.7E-05	208732_PM_at	RAB2A	-0.26991	9.407227	-5.47796	9.82E-08	7.81E-07	7.202874
SFRP1	202035_PM_s_at	1.3	0.4	1.5E-02	209036_PM_s_at	MDH2	-0.27013	10.81457	-6.22543	1.82E-09	2.17E-08	11.05947
HTRA4	1553706_PM_at	1.3	0.4	3.0E-04	218254_PM_s_at	SAR1B	-0.27075	9.746055	-5.1737	4.47E-07	3.05E-06	5.74534
UBR2	212756_PM_s_at	1.3	0.4	1.7E-06	214629_PM_x_at	RTN4	-0.27075	12.38944	-7.56493	6.04E-13	1.48E-11	18.85398
LOC145820	1558881_PM_at	1.3	0.4	5.4E-03	232402_PM_at	---	-0.27188	3.956431	-5.34938	1.88E-07	1.40E-06	6.578722
ALOX5	204445_PM_s_at	1.3	0.4	3.6E-06	225479_PM_at	LRRC58	-0.27211	9.138408	-5.65978	3.85E-08	3.37E-07	8.105633
MARS	201475_PM_x_at	1.3	0.4	8.7E-08	1563034_PM_at	GPD1	-0.27211	3.655175	-5.74155	2.51E-08	2.30E-07	8.519177
ENO2	201313_PM_at	1.3	0.4	5.2E-05	201113_PM_at	TUFM	-0.27222	10.66424	-4.99148	1.07E-06	6.71E-06	4.905102
DUSP22	218845_PM_at	1.3	0.4	1.6E-09	225991_PM_at	TMEM41A	-0.27289	7.652673	-4.99643	1.05E-06	6.57E-06	4.927582
TOPBP1	202633_PM_at	1.3	0.4	1.0E-07	223114_PM_at	COQ5	-0.27315	9.580151	-5.94149	8.64E-09	8.81E-08	9.549762
APAF1	204859_PM_s_at	1.3	0.4	4.8E-11	208898_PM_at	ATP6V1D	-0.2733	10.34823	-5.56436	6.31E-08	5.27E-07	7.628927
TUBA1B	201090_PM_x_at	1.3	0.4	1.1E-08	218138_PM_at	MKKS	-0.27417	9.143597	-5.21537	3.64E-07	2.54E-06	5.940973
ZNF292	212366_PM_at	1.3	0.4	5.5E-07	200691_PM_s_at	HSPA9	-0.27454	10.69763	-5.59853	5.29E-08	4.50E-07	7.798925
RASA3	206220_PM_s_at	1.3	0.4	1.8E-11	225494_PM_at	---	-0.27458	10.04449	-5.31613	2.22E-07	1.63E-06	6.419284
CAVI	203065_PM_s_at	1.3	0.4	4.7E-03	209029_PM_at	COPS7A	-0.27612	8.763158	-6.37655	7.76E-10	1.00E-08	11.88446
DDX24	200702_PM_s_at	1.3	0.4	1.9E-04	1563708_PM_at	SFXN5	-0.27615	4.314286	-5.1369	5.34E-07	3.60E-06	5.573679
GJA1	201667_PM_at	1.3	0.4	2.6E-04	222021_PM_x_at	SDHA /// SDHAP1 /// SDHAP2	-0.27643	10.14251	-5.08423	6.89E-07	4.51E-06	5.329669
SIP1	204164_PM_at	1.3	0.4	6.6E-07	215088_PM_s_at	SDHC	-0.27665	11.05279	-6.4411	5.38E-10	7.17E-09	12.24128
ATL3	223452_PM_s_at	1.4	0.4	1.5E-09	213011_PM_s_at	TP11	-0.27667	11.69172	-5.85963	1.34E-08	1.31E-07	9.12449
MLF1IP	218883_PM_s_at	1.4	0.4	1.6E-07	221543_PM_s_at	ERLIN2	-0.27708	9.109623	-5.02946	8.95E-07	5.71E-06	5.078187
CHKB-CPT1B /// CPT1B	210069_PM_at	1.4	0.4	1.8E-03	2208158_PM_s_at	OSBP11A	-0.27743	9.518008	-5.34877	1.88E-07	1.40E-06	6.575806
EHD2	205341_PM_at	1.4	0.4	2.2E-04	225151_PM_at	RTKN	-0.27773	3.724771	-6.14685	2.81E-09	3.22E-08	10.63629
IL1ORB	209575_PM_at	1.4	0.4	2.0E-05	203541_PM_s_at	KLf9	-0.27787	3.795987	-5.74735	2.43E-08	2.74E-07	8.54866
BAT2L2	211944_PM_at	1.4	0.4	6.9E-06	214147_PM_at	C1orf17C	-0.2779	3.898085	-5.36218	1.76E-07	1.32E-06	6.640307
STK39	202786_PM_39	1.4	0.4	8.5E-08	229438_PM_at	FAM20C	-0.27794	3.803393	-5.53082	7.50E-08	6.14E-07	7.462927
KIAA0513	204546_PM_at	1.4	0.4	3.5E-07	218044_PM_x_at	PTMS	-0.27888	3.665875	-5.59103	5.50E-08	4.66E-07	7.761512
SMAGP	209679_PM_s_at	1.4	0.4	1.2E-04	203794_PM_at	CDC42BPA	-0.27968	8.655895	-5.23718	3.27E-07	2.31E-06	6.043893
SNORD89	235536_PM_at	1.4	0.4	9.8E-07	228011_PM_at	FAM92A1	-0.2797	8.323647	-5.06453	7.57E-07	4.91E-06	5.238956
FEM1B	212367_PM_at	1.4	0.4	1.8E-04	1570241_PM_at	SPATA21	-0.28017	4.11719	-5.31386	2.24E-07	1.64E-06	6.408343
FBXO5	218875_PM_s_at	1.4	0.4	9.4E-06	203420_PM_at	FAM8A1	-0.28093	9.356243	-6.32721	1.03E-09	1.28E-08	11.61349
C9orf91	221865_PM_at	1.4	0.4	6.1E-06	241890_PM_at	---	-0.28095	3.61226	-5.74436	2.47E-08	2.27E-07	8.533441
MID1	203636_PM_at	1.4	0.4	2.6E-05	221772_PM_s_at	PPP2R2D	-0.28096	7.61371	-5.3761	1.64E-07	1.24E-06	6.707456
CARD9	220162_PM_s_at	1.4	0.4	3.0E-06	212083_PM_at	TEX261	-0.28122	9.011374	-5.56321	6.35E-08	5.30E-07	7.623254
ATH1L	219359_PM_at	1.4	0.4	1.7E-04	203950_PM_s_at	CLCN6	-0.28128	7.623318	-5.18754	4.18E-07	2.87E-06	5.810192
EROL1	218498_PM_s_at	1.4	0.4	1.3E-06	217868_PM_s_at	METT19	-0.28131	11.46126	-6.55868	2.73E-10	3.91E-09	12.89798
ANKRD12	212286_PM_at	1.4	0.4	1.1E-06	235908_PM_at	MMP11	-0.28158	4.413077	-5.46241	1.06E-07	8.37E-07	7.126753
ATP8B1	214594_PM_x_at	1.4	0.4	1.9E-07	210930_PM_s_at	ERBB2	-0.28198	3.618732	-6.73722	9.64E-11	1.51E-09	13.91153
C15orf5	208109_PM_s_at	1.4	0.4	2.0E-04	222665_PM_at	FAM82B	-0.28269	7.956005	-5.08733	6.79E-07	4.45E-06	5.343975
FRG1 /// FRG1B /// LOC642236	235535_PM_x_at	1.4	0.4	2.5E-05	215760_PM_s_at	SBNO2	-0.283	4.294633	-5.21095	3.72E-07	2.59E-06	5.920188
MSL3	207551_PM_s_at	1.4	0.4	3.8E-08	156957_PM_at	---	-0.28364	4.066698	-5.15569	4.88E-07	3.31E-06	5.661208
MGAT1	201126_PM_s_at	1.4	0.4	1.5E-07	211727_PM_s_at	COX11	-0.28412	9.966667	-5.49779	8.87E-08	7.81E-07	7.300198
RPS19	202649_PM_x_at	1.4	0.4	3.9E-16	219547_PM_at	COX15	-0.28503	8.339614	-6.91069	3.44E-11	6.01E-10	14.91478
PBRM1	220355_PM_s_at	1.4	0.4	1.9E-06	237318_PM_at	---	-0.28521	4.194414	-5.47215	1.01E-07	8.01E-07	7.174427
TSPO	220209_PM_s_at	1.4	0.4	1.5E-06	205095_PM_s_at	ATP6VOA1	-0.2853	4.362408	-5.027	9.06E-07	5.77E-06	5.066962
UTS2	220784_PM_s_at	1.4	0.4	2.7E-03	214170_PM_x_at	FH	-0.28551	10.5197	-5.21646	3.62E-07	2.53E-06	5.946087
TNFRSF10A	231775_PM_at	1.4	0.4	3.7E-08	221309_PM_at	RBM17	-0.28569	4.316346	-5.26972	2.79E-07	2.00E-06	6.198027
PRKCD8P	213010_PM_at	1.4	0.4	3.5E-05	215660_PM_s_at	MAST2	-0.28573	4.072119	-5.47236	1.01E-07	8.00E-07	7.175447
AP1G2	201613_PM_s_at	1.4	0.4	2.0E-05	228841_PM_at	LYRM7	-0.28594	8.966542	-5.33872	1.98E-07	1.47E-06	6.527498
LBR	201795_PM_at	1.4	0.4	1.2E-09	210304_PM_at	NDUF45	-0.28601	10.95621	-5.54637	6.92E-08	5.72E-07	7.539785
PRR5L	219383_PM_at	1.4	0.4	9.7E-07	205531_PM_s_at	GLS2	-0.28662	4.352645	-5.86509	1.30E-08	1.27E-07	9.152713
FAM110C	228663_PM_at	1.4	0.4	4.5E-03	217942_PM_at	MRPS35	-0.28666	9.74091	-5.95708	7.94E-09	8.18E-08	9.631261
LOC100294337	243589_PM_at	1.4	0.4	7.5E-04	209261_PM_s_at	NR2F6	-0.2867	3.892813	-5.33568	2.01E-07	1.49E-06	6.512948
FSTL1	208782_PM_at	1.4	0.4	2.0E-04	243600_PM_at	C19orf20	-0.28684	3.750183	-5.25027	3.07E-07	2.18E-06	6.105822
KRT19	201650_PM_at	1.4	0.4	4.4E-03	207858_PM_s_at	PKLR	-0.28704	3.603805	-6.42255	5.98E-10	7.87E-09	12.13846
NAGK	218231_PM_at	1.4	0.4	4.3E-06	203601_PM_s_at	ZBTB17	-0.28707	4.166065	-5.14484	5.14E-07	3.47E-06	5.610631
EIF2C4	219190_PM_s_at	1.4	0.4	1.2E-08	209384_PM_at	PROSC	-0.28719	9.506724	-5.54884	6.83E-08	5.67E-07	7.552029
RAB8B	219210_PM_s_at	1.4	0.4	3.9E-05	1558101_PM_at	NFIA	-0.28726	4.142104	-4.97884	1.14E-06	7.08E-06	4.847763
IFFO1	209721_PM_s_at	1.4	0.4	1.3E-06	201119_PM_s_at	COX8A	-0.28742	11.91139	-6.79286	6.94E-11	1.13E-09	14.2314
PION	222150_PM_s_at	1.4	0.4	7.1E-04	212656_PM_at	TSFM	-0.28811	8.815032	-5.26943	2.79E-07	2.00E-06	6.196666
ORAI2	217529_PM_at	1.4	0.4	9.2E-08	201619_PM_at	PRDX3	-0.28812	11.60497	-5.18254	4.28E-07	2.93E-06	5.786745
URF211	217823_PM_s_at	1.4	0.4	6.1E-05	209038_PM_s_at	EHD1	-0.28822	4.11334	-5.28563	2.58E-07	1.86E-06	6.273709
FRMD6	225464_PM_at	1.4	0.4	1.7E-03	204954_PM_s_at	DRYK1B	-0.28847	3.998533	-5.06018	7.73E-07	5.00E-06	5.21896
FRAT1	219889_PM_at	1.4	0.4	5.2E-08	217647_PM_at	---	-0.28855	4.049727	-5.67121	3.63E-08	3.20E-07	8.163138
HELLS	220085_PM_at	1.4	0.4	1.3E-07	228784_PM_at	---	-0.28972	4.03643	-5.00618	1.00E-06	6.31E-06	4.971973
SLC7A6	203578_PM_s_at	1.4	0.4	3.3E-06	218125_PM_s_at	CCDC25	-0.29015	8.03948	-5.54238	7.06E-08	5.82E-07	7.520078
CHPF2	221799_PM_at	1.4	0.4	1.8E-07	212631_PM_at	STX7	-0.29051	9.780328	-5.81892	1.67E-08	1.59E-07	8.914697
LSP1	203523_PM_at	1.4	0.4	3.1E-05	226140_PM_s_at	OTUD1	-0.29088	9.385899	-5.68304	3.41E-08	3.03E-07	8.222775
MDK	209035_PM_at	1.4	0.4	5.1E-06	210431_PM_at	ALPLP2	-0.29142	4.183007	-5.11115	6.05E-07	4.01E-06	5.454121
CDK2AP2	203252_PM_at	1.4	0.4	9.6E-04	217955_PM_at	BCL2L13	-0.29154	8.441244	-5.36599	1.73E-07	1.30E-06	6.658695
SLC24A3	219090_PM_at	1.4	0.4	8.5E-04	203033_PM_x_at	FH	-0.29177	10.19842	-5.11178	6.03E-07	4.00E-06	5.457028
THOC4	226319_PM_s_at	1.4	0.4	2.5E-06	227392_PM_at	NISCH	-0.29181	4.584604	-4.96665	1.21E-06	7.46E-06	4.792551
LRP8	205282_PM_at	1.4	0.4	9.5E-10	40255_PM_at	DDX28	-0.29334	5.884054	-5.38413	1.58E-07	1.22E-06	6.746238
ZNF600	242463_PM_x_at	1.4	0.4	1.7E-06	207289_PM_at	MMP25	-0.29349	4.116587	-6.14621	2.82E-09	3.20E-08	10.63289
UHRF1BP1	226135_PM_at	1.4	0.4	1.3E-07	1558875_PM_at	SREBF1	-0.29423	4.330714	-5.60822	5.03E-08	4.30E-07	7.84726
ETV7	221680_PM_s_at	1.4	0.4	3.7E-06	1559348_PM_at	---	-0.29423	3.707719	-5.941	8.66E-09	8.82E-08	9.547168
ARPC5	211963_PM_s_at	1.4	0.4	6.3E-03	230819_PM_at	C2CD4C	-0.29428	4.231783	-5.60342	5.16E-08	4.40E-07	7.823317
WASF2	221725_PM_at	1.4	0.4	1.5E-07	232990_PM_at	FAM104B	-0.29474	4.526475	-5.21943	3.57E-07	2.49E-06	5.960999

C11orf21	220560_PM_at	1.4	0.5	8.7E-08	216142_PM_at	---	-0.30477	4.877277	-5.11779	5.86E-07	3.90E-06	5.484915
ATAD2	218782_PM_s_at	1.4	0.5	6.6E-06	1559355_PM_at	NXP2	-0.3048	4.067246	-5.08147	6.98E-07	4.56E-06	5.316983
MIR21 /// TMEM49	220990_PM_s_at	1.4	0.5	8.3E-08	219967_PM_at	MIRM1	-0.30518	4.972113	-5.22293	3.51E-07	2.45E-06	5.97658
C8orf59	226165_PM_at	1.4	0.5	1.2E-06	242554_PM_at	TPCN2	-0.30547	5.966908	-5.09165	6.65E-07	4.37E-06	5.363937
C9orf72	225919_PM_s_at	1.4	0.5	4.5E-07	201034_PM_at	ADD3	-0.30565	11.33901	-6.13925	2.93E-09	3.34E-08	10.5956
C14orf139	219563_PM_at	1.4	0.5	5.4E-04	212714_PM_at	LARP4	-0.30574	9.318438	-5.11899	5.83E-07	3.88E-06	5.490495
SECT4L1	202082_PM_s_at	1.4	0.5	7.1E-09	236491_PM_at	BCL2L10	-0.30601	4.147105	-5.06855	7.43E-07	4.83E-06	5.257469
COLEC12	221019_PM_s_at	1.4	0.5	5.1E-03	218102_PM_at	DERA	-0.30606	10.31556	-5.46466	1.05E-07	6.28E-07	7.137776
CCDC88A	219387_PM_at	1.4	0.5	5.6E-07	229291_PM_at	LOC100289210	-0.30652	4.162108	-5.23511	3.31E-07	2.33E-06	6.034077
C21orf7	221211_PM_s_at	1.4	0.5	5.0E-03	205056_PM_s_at	GPR162	-0.30679	4.262117	-5.38245	1.59E-07	1.21E-06	6.738111
CD3E	205456_PM_at	1.4	0.5	9.2E-08	221628_PM_s_at	GLYR1	-0.30715	3.929186	-6.47934	4.32E-10	5.88E-09	12.45389
SOAT1	221561_PM_at	1.4	0.5	4.1E-05	1556505_PM_at	---	-0.30722	4.180301	-5.38733	1.55E-07	1.18E-06	6.761689
SCN1B	205508_PM_at	1.4	0.5	1.6E-03	1563475_PM_s_at	C12orf72	-0.30725	3.926907	-4.96232	1.23E-06	7.60E-06	4.772981
ITM2C	221004_PM_s_at	1.4	0.5	2.7E-05	224750_PM_at	RNF185	-0.30726	8.721927	-6.34868	9.09E-10	1.15E-08	11.73118
IL3RA	206148_PM_at	1.4	0.5	1.5E-04	205620_PM_at	F10	-0.3075	4.474097	-5.3672	1.72E-07	1.30E-06	6.664517
PI15	207938_PM_at	1.4	0.5	8.7E-07	229760_PM_at	VEPH1	-0.30761	4.198219	-5.87812	1.21E-08	1.20E-07	9.220134
CAMK1D	220246_PM_at	1.4	0.5	1.8E-06	203303_PM_at	DYNLT3	-0.30915	10.23969	-6.31804	1.08E-09	1.35E-08	11.56328
CD4	203547_PM_at	1.4	0.5	5.9E-06	1552761_PM_at	SLC16A11	-0.30966	4.404189	-5.40992	1.39E-07	1.07E-06	6.871146
LYG1	236706_PM_at	1.4	0.5	5.3E-03	242430_PM_at	CCDC69	-0.31019	3.568246	-5.2378	3.26E-07	2.30E-06	6.0468
TLR10	223750_PM_s_at	1.4	0.5	5.9E-06	202850_PM_at	ABCD3	-0.31075	10.64288	-5.69131	3.27E-08	2.91E-07	8.264509
CHIC2	219492_PM_at	1.4	0.5	3.4E-06	218202_PM_x_at	MRPL44	-0.31081	6.275013	-4.98763	1.09E-06	6.82E-06	4.887611
BLVRA	203771_PM_s_at	1.4	0.5	2.9E-03	222988_PM_s_at	TMEM9	-0.31091	9.75434	-6.01902	5.67E-09	6.06E-08	9.95665
LOC388796	65588_PM_at	1.4	0.5	5.4E-05	239263_PM_at	---	-0.311	4.395635	-6.05639	4.63E-09	5.04E-08	10.15421
LOC100131993	230292_PM_at	1.4	0.5	1.2E-04	223071_PM_at	IER3IP1	-0.31121	10.54447	-6.83941	5.26E-11	8.83E-10	14.50038
MED13L	212207_PM_at	1.4	0.5	1.7E-07	233802_PM_at	---	-0.31144	3.782511	-5.76513	2.22E-08	2.05E-07	8.639273
COL4A4	214602_PM_at	1.4	0.5	4.3E-05	226813_PM_at	C1orf57	-0.31166	8.893292	-5.19217	4.08E-07	2.81E-06	5.831899
C6	210168_PM_at	1.4	0.5	5.2E-04	203897_PM_at	LYRM1	-0.31228	9.713475	-5.60412	5.14E-08	4.38E-07	7.826774
ABCC1	202804_PM_at	1.4	0.5	5.9E-10	228073_PM_at	NANP	-0.31258	7.387571	-5.33074	2.06E-07	1.52E-06	6.489233
PMEPA1	217875_PM_s_at	1.4	0.5	6.2E-05	213206_PM_at	GOSR2	-0.31274	7.964474	-5.69229	3.18E-08	2.84E-07	8.289682
IFFO2	225615_PM_at	1.4	0.5	1.8E-07	240117_PM_at	FBN3	-0.31275	4.051501	-6.79533	6.84E-11	1.11E-09	14.24559
ACS4L	1557418_PM_at	1.4	0.5	5.9E-05	206215_PM_at	OPCML	-0.31424	3.692348	-5.69052	3.28E-08	2.92E-07	8.260534
PGM2L1	229256_PM_at	1.4	0.5	1.4E-06	216889_PM_s_at	HNF4A	-0.31451	4.222629	-5.07655	7.15E-07	4.66E-06	5.294292
ROD1	207223_PM_s_at	1.4	0.5	3.2E-05	202309_PM_at	MTHFD1	-0.31453	10.1241	-5.35869	1.79E-07	1.35E-06	6.623524
SLC15A4	225043_PM_at	1.4	0.5	6.3E-10	210483_PM_at	MGC31957	-0.31512	4.309577	-5.24569	3.14E-07	2.22E-06	6.084127
BCLAF1	201083_PM_s_at	1.4	0.5	1.0E-05	212465_PM_at	SETD3	-0.31557	10.44981	-6.78578	7.23E-11	1.17E-09	14.19058
PAPD4	225761_PM_at	1.4	0.5	5.5E-04	240292_PM_x_at	ANKS1B	-0.31574	3.822472	-5.58932	5.55E-08	4.70E-07	7.753007
FAM171B	223730_PM_at	1.4	0.5	1.5E-08	230247_PM_at	---	-0.31611	4.316447	-5.0771	7.13E-07	4.65E-06	5.296832
FIBIN	226769_PM_at	1.4	0.5	2.2E-05	234099_PM_s_at	EML2	-0.31613	4.172351	-5.29568	2.45E-07	1.78E-06	6.321615
NUDT1	204766_PM_s_at	1.4	0.5	3.2E-05	234688_PM_x_at	CNTR0B	-0.31624	4.153872	-5.66935	3.66E-08	3.22E-07	8.153798
MCM2	202107_PM_s_at	1.4	0.5	1.3E-06	201966_PM_at	NDUFS2	-0.31661	10.58228	-5.2513	3.05E-07	2.17E-06	6.110698
MAP7D3	219576_PM_at	1.4	0.5	1.5E-08	212688_PM_at	PIK3CB	-0.31677	9.088437	-5.61337	4.90E-08	4.20E-07	7.872989
C9orf30	1555841_PM_at	1.4	0.5	1.1E-05	220516_PM_at	ZSCAN2	-0.31678	4.035049	-6.86433	4.53E-11	7.71E-10	14.64488
GCNT3	219508_PM_at	1.4	0.5	1.0E-03	202866_PM_at	DNAJB12	-0.31682	7.943784	-5.88694	1.16E-08	1.15E-07	9.265853
ITGB3	204625_PM_s_at	1.4	0.5	2.4E-05	226411_PM_at	EVISL	-0.317	4.536546	-5.01385	9.65E-07	6.10E-06	5.006914
LHFP	218656_PM_s_at	1.4	0.5	2.1E-04	227373_PM_at	ATXN1L	-0.3171	9.675127	-5.7241	6.05E-08	5.09E-07	7.668905
ZWINT	204026_PM_s_at	1.4	0.5	4.6E-05	206694_PM_at	PNLIPRP1	-0.31769	4.384252	-5.67747	3.51E-08	3.11E-07	8.194709
ACAP1	205212_PM_s_at	1.4	0.5	3.2E-08	206047_PM_at	GNB3	-0.31781	6.634151	-5.27127	2.77E-07	1.99E-06	6.205419
FKBP5	204560_PM_at	1.4	0.5	3.0E-02	225298_PM_at	PNKD	-0.31831	9.411055	-5.29976	2.40E-07	1.75E-06	6.341037
RAB33A	206039_PM_at	1.4	0.5	1.3E-07	223006_PM_s_at	C9orf5	-0.31835	10.09225	-5.04219	8.43E-07	5.41E-06	5.136455
ADAM28	205997_PM_at	1.4	0.5	5.6E-05	224708_PM_at	KIAA2013	-0.31842	8.381855	-5.40675	1.41E-07	1.08E-06	6.855728
ME1	204058_PM_at	1.4	0.5	8.6E-04	201300_PM_s_at	PRNP	-0.31847	11.07579	-6.2112	1.97E-09	2.33E-08	10.9825
CD37	204192_PM_at	1.4	0.5	2.3E-05	218194_PM_at	REXO2	-0.31863	10.66885	-7.1325	8.97E-12	1.75E-10	16.22328
POLB	203616_PM_at	1.4	0.5	3.7E-07	218512_PM_at	WDR12	-0.3198	8.881291	-5.43668	1.21E-07	9.43E-07	7.001219
JAKMIP1	238600_PM_at	1.4	0.5	3.9E-05	210014_PM_x_at	IDH3B	-0.32052	9.438801	-6.16178	2.59E-09	2.99E-08	10.71639
CCDC4EP5	227850_PM_x_at	1.4	0.5	2.3E-04	219185_PM_at	SIRT5	-0.32079	8.06815	-5.65758	3.89E-08	3.41E-07	8.094569
AKAP13	208325_PM_s_at	1.4	0.5	1.3E-07	203970_PM_s_at	PEX3	-0.32112	9.021109	-5.96719	7.52E-09	7.79E-08	9.684177
SLC2A10	221024_PM_s_at	1.4	0.5	2.3E-04	207482_PM_at	TP53TG5	-0.32192	4.359403	-5.6367	4.34E-08	3.77E-07	7.989733
GALNT12	228501_PM_at	1.4	0.5	1.6E-03	223141_PM_at	UCK1	-0.3222	7.687427	-5.37527	1.65E-07	1.25E-06	6.703426
NEDD1	234984_PM_at	1.4	0.5	1.2E-08	236515_PM_at	---	-0.32223	6.796938	-5.42417	1.29E-07	1.00E-06	6.940315
CD93	202877_PM_s_at	1.4	0.5	1.3E-05	205109_PM_s_at	ARHGGEF4	-0.32231	4.02131	-5.17506	4.44E-07	3.03E-06	5.751738
DGKD	208072_PM_s_at	1.4	0.5	4.4E-05	229980_PM_s_at	SNX5	-0.32235	10.90827	-5.05126	8.07E-07	5.20E-06	5.178037
CCDA7	224428_PM_s_at	1.4	0.5	4.9E-07	213525_PM_at	NNX	-0.32235	4.457426	-5.10048	6.37E-07	4.20E-06	5.404753
ZBTB1	205092_PM_x_at	1.4	0.5	5.0E-08	222426_PM_at	MAPKAP1	-0.32244	7.568487	-5.18187	4.29E-07	2.94E-06	5.783626
MCM5	201755_PM_at	1.4	0.5	4.2E-07	214268_PM_s_at	MTMR4	-0.32291	8.447613	-5.20774	3.78E-07	2.62E-06	5.905046
LOC144571	1564139_PM_at	1.4	0.5	3.1E-07	212343_PM_at	YIPF6	-0.32292	8.61506	-6.64609	1.64E-10	2.47E-09	13.39176
KLRC3	207723_PM_s_at	1.4	0.5	1.4E-05	234927_PM_s_at	MAGIK	-0.32293	4.031044	-5.32342	2.14E-07	1.57E-06	6.454166
ANKDD1A	229497_PM_at	1.4	0.5	1.8E-07	222212_PM_s_at	LASS2	-0.32294	10.43405	-5.0429	4.80E-07	5.39E-06	5.1397
CHN1	212624_PM_s_at	1.4	0.5	4.2E-05	226501_PM_at	XPNPEP3	-0.323	8.589371	-5.63058	4.48E-08	3.88E-07	7.959076
ADORA2A /// CYTSA	205013_PM_s_at	1.4	0.5	5.4E-05	244834_PM_at	C1orf134	-0.32328	4.648372	-4.99543	1.05E-06	6.60E-06	4.923079
STOX2	226822_PM_at	1.4	0.5	5.3E-05	209513_PM_s_at	HSDL2	-0.32381	9.867702	-5.02055	9.34E-07	5.93E-06	5.037502
NFKBID	230052_PM_s_at	1.4	0.5	1.7E-07	228921_PM_at	SLC25A42	-0.32401	4.09909	-5.54023	7.14E-08	5.88E-07	7.50943
KLRF1	220646_PM_s_at	1.4	0.5	6.3E-04	228232_PM_s_at	VSIG2	-0.32501	4.519566	-5.53194	7.45E-08	6.11E-07	7.468444
TDG	203742_PM_s_at	1.4	0.5	1.4E-13	210291_PM_s_at	ZNF174	-0.32623	4.922477	-5.81827	1.67E-08	1.59E-07	8.911365
LPXN	216250_PM_s_at	1.4	0.5	1.8E-06	200807_PM_s_at	HSPD1	-0.32696	12.16002	-5.47573	9.93E-08	7.89E-07	7.191964
SSR4	201004_PM_at	1.4	0.5	3.3E-08	221692_PM_s_at	MRPL34	-0.32711	7.478969	-6.21305	1.95E-09	2.30E-08	10.99253
ATP2B4	212135_PM_s_at	1.4	0.5	5.7E-06	239666_PM_at	PYGO2	-0.32714	4.135043	-5.76266	2.24E-08	2.08E-07	8.626673
C20orf199	224915_PM_x_at	1.4	0.5	5.8E-08	204155_PM_s_at	SIK3	-0.32718	6.107557	-5.2577	2.96E-07	2.11E-06	6.14102
C10orf47	229801_PM_at	1.4	0.5	2.5E-05	219147_PM_s_at	C9orf95	-0.32718	9.146136	-5.41036	1.38E-07	1.07E-06	6.873255
KTEL1	218587_PM_s_at	1.4	0.5	2.3E-09	224160_PM_s_at	ACAD9	-0.32738	8.162988	-5.99948	6.31E-09	6.68E-08	9.853698
IFNGR2	201642_PM_at	1.4	0.5	1.7E-09	237536_PM_at	LOC100128977	-0.32755	4.316822	-5.36192	1.76E-07	1.33E-06	6.639054
C20orf103	219463_PM_at	1.4	0.5	4.7E-05	235399_PM_at	---	-0.32768	4.837051	-5.11791	5.86E-07	3.90E-06	5.485451

C10orf54	225372_PM_at	1.4	0.5	4.9E-05	201322_PM_at	ATP5B	-0.33421	11.63108	-5.76781	2.18E-08	2.03E-07	8.652945
TNFSF8	241819_PM_at	1.4	0.5	9.8E-06	203277_PM_at	DFFA	-0.33427	7.685434	-4.99691	1.05E-06	6.56E-06	4.929775
PTPN7	204852_PM_s_at	1.4	0.5	9.3E-07	226806_PM_s_at	NFIA	-0.3343	9.159318	-5.37566	1.65E-07	1.25E-06	6.705339
SCN3A	210432_PM_s_at	1.4	0.5	1.3E-03	218191_PM_s_at	LMBRD1	-0.33475	10.70054	-5.03111	8.88E-07	5.67E-06	5.085722
VP513B	213243_PM_at	1.4	0.5	6.3E-09	224653_PM_at	EIF4EBP2	-0.33509	10.16077	-6.4896	4.07E-10	5.57E-09	12.51109
NCRNA00201	225786_PM_at	1.4	0.5	4.5E-04	204125_PM_at	NDUFAF1	-0.33525	8.996795	-5.95392	8.08E-09	8.29E-08	9.614719
RRN3 /// RRN3P1 /// RRN3P2	216902_PM_s_at	1.4	0.5	3.7E-05	230032_PM_at	OSGEPL1	-0.33534	8.279055	-5.74464	2.47E-08	2.26E-07	8.53487
FBN2	203184_PM_at	1.4	0.5	2.2E-05	241507_PM_x_at	---	-0.33551	3.441375	-5.46839	1.03E-07	8.15E-07	7.156034
ITM2A	202746_PM_at	1.4	0.5	9.7E-04	243975_PM_at	---	-0.33574	4.277858	-5.20857	3.77E-07	2.61E-06	5.908979
ANLN	222608_PM_s_at	1.4	0.5	2.3E-05	224466_PM_s_at	MAFG	-0.33591	4.553052	-5.65685	3.91E-08	3.42E-07	8.090872
IGH@ /// IGHAI1 /// IGHAI2 /// IGHAI3	211638_PM_at	1.4	0.5	1.6E-04	239528_PM_at	PROM2	-0.33619	4.425076	-5.29471	2.46E-07	1.79E-06	6.316959
C11orf73	219979_PM_s_at	1.4	0.5	3.2E-07	233049_PM_x_at	STUB1	-0.33632	9.806507	-6.15071	2.75E-09	3.16E-08	10.65703
FOLR2	204829_PM_s_at	1.4	0.5	2.3E-08	214798_PM_at	ATP2C2	-0.33664	4.407171	-5.38311	1.59E-07	1.20E-06	6.741332
C12orf5	219099_PM_at	1.4	0.5	1.3E-05	230907_PM_at	GPRC5C	-0.33683	4.552986	-5.10215	6.32E-07	4.17E-06	5.412468
HLA-DQB2	215536_PM_at	1.4	0.5	1.9E-03	239543_PM_s_at	---	-0.33688	4.303804	-5.01262	9.70E-07	6.13E-06	5.001314
NAP1L1	204528_PM_s_at	1.4	0.5	1.2E-10	223282_PM_at	TSHZ1	-0.3371	8.823413	-5.91282	1.01E-08	1.01E-07	9.400291
TRIO	208178_PM_x_at	1.4	0.5	1.4E-06	228615_PM_at	---	-0.33727	5.493916	-5.02369	9.20E-07	5.85E-06	5.051842
LOC729046 /// RPL17	214291_PM_at	1.4	0.5	8.4E-06	226734_PM_at	EIF4E2	-0.33775	7.599511	-5.34754	1.89E-07	1.41E-06	6.569884
SASH1	213236_PM_at	1.4	0.5	2.3E-06	201919_PM_at	SLC25A36	-0.33842	10.02227	-6.50738	3.68E-10	5.10E-09	12.61044
TAGAP	229723_PM_at	1.4	0.5	2.1E-07	224802_PM_at	NDFIP2	-0.33875	9.474941	-5.20605	3.81E-07	2.64E-06	5.897115
TF2	204407_PM_at	1.4	0.5	2.0E-06	224820_PM_at	FAM36A	-0.33897	10.5284	-5.8353	1.53E-08	1.47E-07	8.99898
NID2	204114_PM_at	1.4	0.5	3.6E-05	1553319_PM_at	OXGR1	-0.33932	3.588258	-5.6584	3.93E-08	3.43E-07	8.085826
OLFM1	205591_PM_at	1.4	0.5	5.5E-04	217658_PM_at	THAP3	-0.33932	4.12393	-6.56259	2.67E-10	3.83E-09	12.91999
KIAA1659	215750_PM_at	1.4	0.5	3.5E-06	228016_PM_s_at	LOC729580	-0.33943	4.268112	-5.54124	7.11E-08	8.55E-07	7.514425
HRH1	205579_PM_at	1.4	0.5	6.3E-07	213140_PM_s_at	SL18L1	-0.33947	9.734006	-5.17124	4.52E-07	3.09E-06	5.73383
SKP2	203625_PM_x_at	1.4	0.5	1.9E-07	218307_PM_at	RSAD1	-0.3397	8.583515	-5.59303	5.44E-08	4.62E-07	7.771492
DNAIC2	213097_PM_s_at	1.4	0.5	1.4E-08	221784_PM_at	WIZ	-0.34014	5.459775	-6.0202	5.64E-09	6.03E-08	9.962868
KIAA0802	213358_PM_at	1.4	0.5	8.6E-05	240382_PM_at	---	-0.34056	4.108669	-5.17087	4.53E-07	3.09E-06	5.732118
BLNK	207655_PM_s_at	1.4	0.5	4.8E-05	1561179_PM_s_at	AMZ1	-0.34082	5.16984	-5.4639	1.05E-07	8.13E-07	7.134047
PRIM1	205053_PM_at	1.4	0.5	7.4E-06	1558577_PM_at	LOC148709	-0.34107	3.650071	-6.53427	3.15E-10	4.44E-09	12.76095
NXN	219489_PM_s_at	1.4	0.5	2.0E-04	206712_PM_at	GRTP1	-0.34122	3.939074	-6.06174	4.49E-09	4.92E-08	10.18257
RFX5	202963_PM_at	1.4	0.5	5.0E-08	240820_PM_at	---	-0.34154	3.768628	-6.40824	6.48E-10	8.48E-09	12.05928
SERPINB1	212268_PM_at	1.4	0.5	2.0E-08	215772_PM_x_at	SUCLG2	-0.34188	10.86506	-5.54295	7.04E-08	5.81E-07	7.522874
CLDN4	201428_PM_at	1.4	0.5	2.2E-04	223190_PM_at	TRUB2	-0.3423	8.2097521	-5.38641	1.56E-07	1.19E-06	6.757263
TAX1BP3	209154_PM_at	1.4	0.5	1.3E-12	202398_PM_at	AP3S2	-0.34276	5.4572	-5.27983	2.65E-07	1.91E-06	6.246107
LRRN4	1553169_PM_at	1.4	0.5	3.8E-06	223462_PM_at	TMEM175	-0.34328	2.549998	-5.30052	2.39E-07	1.74E-06	6.344669
MR1	207566_PM_at	1.4	0.5	4.8E-07	218037_PM_at	FAM134A	-0.34346	8.675239	-5.26798	2.81E-07	2.02E-06	6.189792
MANF	202655_PM_at	1.4	0.5	1.2E-08	238627_PM_at	TRAPPC2L	-0.3437	3.115973	-4.96559	1.21E-06	7.49E-06	4.787747
TRIM56	231876_PM_at	1.4	0.5	5.2E-05	226781_PM_at	C7orf55 /// LUC7L2	-0.34426	8.933446	-5.26859	2.80E-07	2.01E-06	6.192681
CAPN6	202965_PM_s_at	1.4	0.5	3.7E-04	36566_PM_at	CTNS	-0.34451	7.717879	-5.03708	8.63E-07	5.52E-06	5.113059
GNAI3	224761_PM_at	1.4	0.5	2.5E-09	1562012_PM_at	---	-0.34463	4.766239	-5.08599	6.83E-07	4.48E-06	5.337797
KCNA3	207237_PM_at	1.4	0.5	5.7E-07	225611_PM_at	MAST4	-0.34502	8.363254	-5.22454	3.48E-07	2.44E-06	5.984198
TAF15	202840_PM_at	1.4	0.5	8.9E-05	218352_PM_at	RCBTB1	-0.34502	8.067443	-5.24384	3.17E-07	2.24E-06	6.075388
LPAR6	218589_PM_at	1.4	0.5	4.0E-06	236702_PM_at	C20orf43	-0.34506	4.2116	-5.17031	4.54E-07	3.10E-06	5.729483
TDRD7	213361_PM_at	1.4	0.5	3.7E-07	218024_PM_at	BRP44L	-0.34514	11.21257	-5.77761	2.07E-08	1.93E-07	8.703026
CSAR1	220088_PM_at	1.4	0.5	3.3E-06	1552682_PM_a_at	CASC5	-0.3458	3.893296	-5.2255	3.47E-07	2.43E-06	5.98874
LOC729839	236692_PM_at	1.4	0.5	8.3E-07	1556199_PM_a_at	RGS9BP	-0.34589	3.711762	-6.45627	4.93E-10	6.63E-09	12.32553
IMPDH1	204169_PM_at	1.4	0.5	1.7E-08	222080_PM_s_at	SIRTS	-0.34604	4.392564	-5.24955	3.08E-07	2.18E-06	6.10241
KCNJ8	205303_PM_at	1.4	0.5	2.5E-04	223177_PM_at	NTSDC1	-0.34619	9.004319	-5.51833	7.99E-08	6.50E-07	7.401283
LOC100131096	230526_PM_at	1.4	0.5	2.9E-10	232675_PM_s_at	UCKL1	-0.3462	4.51529	-5.62469	4.62E-08	3.99E-07	7.929591
DENND4A	214787_PM_at	1.4	0.5	4.1E-09	201675_PM_at	AKAP1	-0.34676	9.13491	-5.76917	2.17E-08	2.02E-07	8.65989
OSPLR3	209626_PM_s_at	1.4	0.5	6.8E-05	224706_PM_at	KIAA2013	-0.34756	8.497148	-5.17561	4.43E-07	3.03E-06	5.75428
CYBSR4	219079_PM_at	1.4	0.5	2.5E-05	203777_PM_s_at	RPS6KB2	-0.34766	9.988198	-5.32526	2.12E-07	1.56E-06	6.462978
HLA-A /// LOC441528	215313_PM_x_at	1.4	0.5	1.3E-09	1554500_PM_a_at	RGS7	-0.34796	3.670782	-5.07925	7.06E-07	4.61E-06	5.306742
CNRIP1	226751_PM_at	1.4	0.5	2.3E-05	224432_PM_at	SH3GLB2	-0.34819	5.889742	-5.2963	2.44E-07	1.78E-06	6.324558
RANBP2 /// RGPD1 /// RGPD2	242712_PM_x_at	1.4	0.5	6.0E-06	219420_PM_s_at	C10orf163	-0.34884	7.220051	-4.96656	1.21E-06	7.47E-06	4.79212
LOC100132735	1557161_PM_at	1.4	0.5	4.6E-03	201560_PM_at	CLIC4	-0.34907	11.62865	-6.90545	3.55E-11	6.19E-10	14.88418
IL13RA1	201887_PM_at	1.4	0.5	8.9E-05	207040_PM_s_at	ST13	-0.34908	11.28668	-7.54101	7.03E-13	1.71E-11	18.70581
CXorf38	228700_PM_at	1.4	0.5	1.7E-07	202282_PM_at	HSD17B10	-0.34921	10.08201	-5.47015	1.02E-07	8.08E-07	7.164659
PCDH10	228635_PM_at	1.4	0.5	6.6E-04	201906_PM_s_at	CTDSP2	-0.34945	9.085886	-5.28816	2.55E-07	1.84E-06	6.285732
CNCL1	220046_PM_s_at	1.4	0.5	3.0E-04	207170_PM_s_at	LETMD1	-0.34954	8.680677	-5.27754	2.68E-07	1.93E-06	6.23521
BUB1B	203755_PM_at	1.4	0.5	5.2E-05	223120_PM_at	FUCA2	-0.34993	9.229824	-5.78938	1.95E-08	1.83E-07	8.763218
TRPV2	219282_PM_s_at	1.4	0.5	6.8E-06	236004_PM_at	---	-0.35004	4.826272	-5.59101	5.50E-08	4.66E-07	7.76145
C3orf64	221935_PM_s_at	1.4	0.5	1.5E-06	1553412_PM_at	AGBL4	-0.35006	4.253515	-6.85555	4.78E-11	8.09E-10	14.59394
TTL	224896_PM_s_at	1.4	0.5	4.8E-07	240889_PM_at	CDRT15L2	-0.35043	3.997049	-5.44409	1.17E-07	9.10E-07	7.037338
GFPT2	205100_PM_at	1.4	0.5	4.5E-04	209625_PM_at	PIGH	-0.35043	8.491519	-6.09537	3.74E-09	4.16E-08	10.36131
PRKAR2B	203680_PM_at	1.4	0.5	6.0E-04	218957_PM_s_at	PAAF1	-0.35077	8.736184	-5.77758	2.07E-08	1.93E-07	8.702832
NBN	202905_PM_x_at	1.4	0.5	2.9E-07	200954_PM_at	ATP6VOC	-0.35114	9.932057	-5.47421	1.00E-07	7.94E-07	7.184518
SAP30	204899_PM_s_at	1.4	0.5	3.0E-09	228959_PM_at	PKD3	-0.35118	9.431269	-5.58171	5.77E-08	4.87E-07	7.71516
KLRG1	210288_PM_at	1.4	0.5	4.5E-06	228013_PM_at	PPP2R2A	-0.3513	7.342738	-6.3509	8.98E-10	1.14E-08	11.74341
CNGB1	214710_PM_s_at	1.4	0.5	2.3E-05	212053_PM_at	PDXDC1	-0.35186	9.767304	-8.32769	4.11E-15	1.55E-13	23.73192
GAS7	2020191_PM_s_at	1.4	0.5	9.3E-05	232212_PM_at	PLEKHA8	-0.35237	4.138795	-5.85211	1.40E-08	1.35E-07	9.085666
SYTL2	220613_PM_s_at	1.4	0.5	3.2E-04	206986_PM_at	FGF18	-0.35267	4.223289	-5.17126	4.52E-07	3.09E-06	5.733945
KRT80	231849_PM_at	1.4	0.5	1.1E-05	235370_PM_at	KREMEN1	-0.35306	4.662279	-5.70974	2.96E-08	2.67E-07	8.357754
RTEL1 /// TNFRSF6B	206467_PM_x_at	1.4	0.5	2.0E-06	212340_PM_at	YIPF6	-0.35355	6.99188	-5.24393	3.17E-07	2.24E-06	6.075775
NCK1	204725_PM_s_at	1.4	0.5	4.7E-04	1555360_PM_a_at	DNAI1C11	-0.35363	5.838628	-5.11238	6.02E-07	3.99E-06	5.459815
ZDHHC20	225365_PM_at	1.4	0.5	9.7E-10	212459_PM_x_at	SUCLG2	-0.35367	10.81419	-5.70628	3.02E-08	2.71E-07	8.340203
CTSK	202450_PM_s_at	1.4	0.5	8.3E-03	218188_PM_s_at	TMIM13	-0.35373	9.427561	-6.05697	4.61E-09	5.03E-08	10.1573
LX1	230865_PM_at	1.4	0.5	6.7E-04	225004_PM_at	TMEM101	-0.35407	9.366214	-5.57583	5.95E-08	5.01E-07	7.685896
CCDC113	222890_PM_at	1.4	0.5	7.5E-06	208941_PM_s_at	SEPHS1	-0.3548	8.801984	-5.88979	1.14E-08	1.13E-07	9.280652
HINT1	1555960_PM_at	1.4	0.5	4.5E-05	234591_PM_at	---	-0.3551	4.225134	-4.9687			

LRRK1	219441_PM_s_at	1.4	0.5	1.8E-07	215544_PM_s_at	UBOX5	-0.36222	4.755504	-5.81451	1.71E-08	1.62E-07	8.892064
ZNF366	1556314_PM_a_at	1.4	0.5	1.4E-04	201903_PM_at	UQCRC1	-0.36239	10.46541	-5.18107	4.31E-07	2.95E-06	5.77987
TAPBP1	218746_PM_at	1.4	0.5	1.7E-07	1555595_PM_at	SCRN3	-0.36245	4.648538	-5.24721	3.12E-07	2.21E-06	6.091325
PSME1	200814_PM_at	1.4	0.5	3.7E-10	226805_PM_at	FITM2	-0.36245	8.189965	-5.95187	8.17E-09	8.37E-08	9.604008
SEMA4B	234725_PM_s_at	1.4	0.5	4.9E-06	206103_PM_at	RAC3	-0.36252	4.058068	-5.60239	5.19E-08	4.42E-07	7.81817
RAB20	219622_PM_at	1.4	0.5	9.7E-06	222228_PM_s_at	ALKBH4	-0.36258	4.7482	-5.5546	6.63E-08	5.51E-07	7.580535
C9orf167	219620_PM_x_at	1.4	0.5	1.5E-09	236481_PM_at	FAH	-0.36264	4.083559	-5.54239	7.06E-08	5.82E-07	7.520112
FNIP1 /// RAGPEF6	219112_PM_x_at	1.4	0.5	2.3E-06	1563035_PM_x_at	GPD1	-0.36436	3.789298	-7.3372	2.53E-12	5.54E-11	17.45578
PFN1	200634_PM_at	1.4	0.5	2.0E-06	223088_PM_x_at	ECHDC1	-0.36483	9.053227	-5.04155	8.45E-07	5.42E-06	5.133495
MAP3K1	214786_PM_at	1.4	0.5	1.6E-05	223087_PM_at	ECHDC1	-0.36523	10.5871	-6.89334	3.81E-11	6.62E-10	14.81361
GLUL	200648_PM_s_at	1.4	0.5	5.9E-04	202394_PM_s_at	ABCF3	-0.36523	7.277858	-6.26909	1.42E-09	1.73E-08	11.29629
RHOJ	223168_PM_at	1.4	0.5	4.3E-10	213275_PM_x_at	CTSB	-0.36546	11.71699	-5.34159	1.95E-07	1.45E-06	6.541307
LOC10289026	237737_PM_at	1.4	0.5	1.5E-04	202481_PM_at	DHRS3	-0.36555	9.925547	-5.07973	7.04E-07	4.60E-06	5.30896
RCC2	224578_PM_at	1.4	0.5	4.5E-08	229697_PM_at	HIRIP3	-0.36555	4.850102	-5.98521	6.82E-09	7.15E-08	9.778704
LOC729222 /// PPFIBP1	214375_PM_at	1.4	0.5	2.2E-03	214679_PM_x_at	GNA11	-0.36607	8.350832	-5.90363	1.06E-08	1.06E-07	9.352496
MUTED /// TXNDC5	221253_PM_s_at	1.4	0.5	7.8E-09	222248_PM_s_at	SIRT4	-0.3664	4.768382	-5.13795	5.32E-07	3.58E-06	5.578538
TMEM181	225127_PM_at	1.4	0.5	3.0E-06	217645_PM_at	COX16	-0.36699	8.164757	-5.11626	5.90E-07	3.93E-06	5.477792
PPIL5	235113_PM_at	1.4	0.5	4.3E-07	1561500_PM_at	CTU2	-0.36705	3.79153	-5.70894	2.98E-08	2.68E-07	8.353661
SMARCE1	211988_PM_at	1.4	0.5	2.3E-09	212161_PM_at	AP2A2	-0.36709	5.778018	-5.05956	7.75E-07	5.02E-06	5.21615
S100A10	200872_PM_at	1.4	0.5	2.8E-12	202300_PM_at	HXBPI	-0.36737	11.49187	-6.35234	8.91E-10	1.13E-08	11.75131
RBM6	201967_PM_at	1.4	0.5	1.2E-03	210358_PM_x_at	GATA2	-0.36771	5.198983	-4.98866	1.09E-06	6.79E-06	4.892279
C12orf4	218374_PM_s_at	1.4	0.5	1.9E-08	213834_PM_at	IQSEC3	-0.36817	4.419837	-5.38379	1.58E-07	1.20E-06	6.744577
FST	204948_PM_s_at	1.4	0.5	4.7E-04	1555787_PM_at	C11orf63	-0.36874	4.233552	-5.41023	1.38E-07	1.07E-06	6.872611
LPGA1	202651_PM_at	1.4	0.5	2.0E-12	233939_PM_at	REXO1	-0.36878	4.543382	-5.55371	6.66E-08	5.53E-07	7.576164
C16orf75	226456_PM_at	1.4	0.5	5.4E-05	211984_PM_at	CALM1	-0.36942	11.06949	-6.41636	6.19E-09	8.13E-09	12.10419
NR4A2	204621_PM_s_at	1.4	0.5	1.3E-06	201283_PM_s_at	TRAK1	-0.36951	4.112504	-5.57289	6.04E-08	5.08E-07	7.671318
CD300A	209933_PM_s_at	1.4	0.5	7.5E-05	206217_PM_at	EDA	-0.3697	5.079943	-5.89102	1.13E-08	1.12E-07	9.287021
DISC1 /// TSNAX /// TSNAX-DIS	207759_PM_s_at	1.4	0.5	2.6E-12	200811_PM_at	CIRBP	-0.37021	10.34222	-5.40916	1.39E-07	1.07E-06	8.67424
ECT2	219787_PM_s_at	1.4	0.5	3.9E-10	213227_PM_at	PGRM2	-0.37042	9.109791	-7.06466	1.36E-11	2.55E-10	15.82066
D4S234E /// FOXP1	209569_PM_x_at	1.4	0.5	2.1E-03	217906_PM_at	KLHDC2	-0.37057	10.7164	-8.06363	2.39E-14	7.85E-13	22.01069
LUM	201744_PM_s_at	1.4	0.5	2.7E-07	229595_PM_at	CHCHD4	-0.37059	8.567283	-6.80145	6.59E-11	1.08E-09	14.28091
PLEKHG1	226122_PM_at	1.4	0.5	6.3E-06	206770_PM_s_at	SLC35A3	-0.37113	7.950234	-5.56147	6.40E-08	5.34E-07	7.614682
RABGAP1L	203020_PM_at	1.4	0.5	5.4E-10	213468_PM_at	ERCC2	-0.37174	5.728302	-5.08007	7.03E-07	4.59E-06	5.310502
MEF2C	207968_PM_s_at	1.4	0.5	3.0E-03	227409_PM_at	PPP1R3E	-0.37176	6.228674	-5.37841	1.62E-07	1.23E-06	6.718614
ASAP1T1	220694_PM_at	1.4	0.5	9.8E-07	218629_PM_at	SMD	-0.37193	5.34578	-5.22524	3.47E-07	2.43E-06	5.987478
PROCR	203650_PM_at	1.4	0.5	1.4E-06	232408_PM_at	ZFYVE28	-0.37201	8.424823	-5.83284	1.55E-08	1.49E-07	8.986342
MOLCOLN2	230110_PM_at	1.4	0.5	3.2E-06	214837_PM_at	---	-0.37228	3.464747	-6.21989	1.87E-09	2.23E-08	11.0295
NBL1	201621_PM_at	1.4	0.5	3.2E-08	202263_PM_at	CYB5R1	-0.37274	2.863696	-5.54546	6.95E-08	5.74E-07	7.535274
OAS1	202869_PM_at	1.4	0.5	4.7E-04	227547_PM_at	---	-0.37321	7.502319	-5.63477	4.38E-08	3.80E-07	7.980038
ADAMT53	214913_PM_at	1.4	0.5	4.6E-07	1554234_PM_at	KATNAL2	-0.37343	4.846375	-5.67202	3.61E-08	3.19E-07	8.167234
CNPY3	217931_PM_at	1.4	0.5	7.8E-09	219579_PM_at	RAB31L	-0.3735	4.952598	-5.9059	1.05E-08	1.05E-07	9.364326
KIF2A	203086_PM_at	1.4	0.5	5.4E-07	204974_PM_at	RAB3A	-0.37402	5.248597	-5.34697	1.90E-07	1.41E-06	6.567158
NOTCH2NL	214722_PM_at	1.4	0.5	1.8E-10	209690_PM_s_at	DOK4	-0.37426	4.353163	-5.02194	9.28E-07	5.89E-06	5.043844
GPR109B	205220_PM_at	1.4	0.5	3.4E-04	207058_PM_s_at	PARK2	-0.37432	3.893969	-5.54935	6.82E-08	6.56E-07	7.554572
TMEM163	223503_PM_at	1.4	0.5	7.7E-05	213504_PM_at	COPS6	-0.37486	8.502611	-6.45724	4.90E-10	6.14E-09	12.33091
ARPC2	207988_PM_s_at	1.4	0.5	1.2E-14	203244_PM_at	PEXS	-0.37517	9.328858	-5.6024	5.19E-08	4.42E-07	7.818216
INHBA	204926_PM_at	1.4	0.5	8.4E-09	218981_PM_at	ACN9	-0.37552	8.242127	-4.99644	1.05E-06	6.57E-06	4.927641
ATG16L2	225883_PM_at	1.4	0.5	9.8E-09	209004_PM_s_at	BFXL5	-0.37559	10.9636	-6.17353	2.43E-09	2.81E-08	10.77953
OSTF1	204479_PM_at	1.4	0.5	2.4E-07	219509_PM_at	IDH3B	-0.37578	8.311294	-6.90444	3.57E-11	6.22E-10	14.87833
MCTP2	220603_PM_s_at	1.4	0.5	8.8E-09	214239_PM_x_at	PCGF2	-0.37614	8.637562	-5.19559	4.01E-07	2.77E-06	5.847962
ANKRD20A1 /// ANKRD20A2 ///	1570255_PM_s_at	1.4	0.5	2.9E-04	228388_PM_at	NFKB1B	-0.3765	4.834218	-5.18551	4.22E-07	2.89E-06	5.800691
TAFD	218750_PM_at	1.4	0.5	1.2E-12	201569_PM_s_at	SAMM50	-0.37663	8.966779	-5.89537	1.11E-08	1.10E-07	9.309577
MGP	202291_PM_s_at	1.4	0.5	1.2E-05	218605_PM_at	TFB2M	-0.37707	9.010533	-6.19961	2.10E-09	2.47E-08	10.91996
C17orf60	217513_PM_at	1.4	0.5	2.7E-06	205293_PM_x_at	BAIAP2	-0.37727	4.879196	-6.02911	5.37E-09	5.78E-08	10.0099
KPNA2	201088_PM_at	1.4	0.5	3.8E-08	204738_PM_s_at	KRIT1	-0.37748	6.601415	-5.63827	4.31E-08	3.74E-07	7.997614
RPRG	207624_PM_s_at	1.4	0.5	5.9E-07	35846_PM_at	THRA	-0.37785	7.246253	-5.03806	8.59E-07	5.50E-06	5.117535
POC2	227267_PM_at	1.4	0.5	3.7E-11	244825_PM_at	SHROOM4	-0.37785	7.550764	-6.02077	5.62E-09	6.02E-08	9.965893
DCPS	212919_PM_at	1.5	0.5	5.4E-07	235630_PM_at	---	-0.37785	6.341759	-5.07288	7.27E-07	4.74E-06	5.277395
ITGB8	205816_PM_at	1.5	0.5	9.8E-06	244124_PM_at	RAB37	-0.37788	4.238498	-5.63877	4.29E-08	3.73E-07	8.000107
NASP	201969_PM_at	1.5	0.5	2.9E-06	208405_PM_s_at	CD164	-0.37801	11.51418	-6.47094	4.53E-10	6.14E-09	12.40713
PDE4B	203708_PM_at	1.5	0.5	5.8E-06	201391_PM_at	TRAP1	-0.37804	8.835534	-5.97644	7.15E-09	7.46E-08	9.732673
Cxorf65	231377_PM_at	1.5	0.5	2.1E-07	224732_PM_at	CHTF8	-0.37818	9.338998	-5.57908	5.85E-08	4.93E-07	7.702065
TM68	227353_PM_at	1.5	0.5	6.8E-07	218759_PM_at	DVL2	-0.37858	4.889052	-5.67442	3.57E-08	3.15E-07	8.179302
TLR4	221060_PM_s_at	1.5	0.5	6.5E-06	202960_PM_s_at	MUT	-0.37894	10.25723	-6.14768	2.80E-09	3.20E-08	10.64078
CD1E	208592_PM_s_at	1.5	0.5	4.4E-05	208913_PM_at	GGA2	-0.37982	7.644662	-5.93596	8.90E-09	9.05E-08	9.520872
CBLN3	235221_PM_at	1.5	0.5	4.9E-07	221228_PM_s_at	CQ5	-0.38016	10.04946	-5.7276	2.70E-08	2.45E-07	8.448263
LAP3	217933_PM_s_at	1.5	0.5	2.4E-05	221030_PM_s_at	ARHGAP24	-0.38071	8.395062	-5.1875	4.18E-07	2.87E-06	5.810014
ASAP1	221039_PM_s_at	1.5	0.5	2.8E-08	209905_PM_at	HOXA9	-0.38077	8.664496	-5.00349	1.01E-06	6.38E-06	4.959738
DOB2	203409_PM_at	1.5	0.5	3.9E-08	244052_PM_at	CBR4	-0.38095	8.470993	-7.16754	7.23E-12	1.44E-10	16.43261
PEA15	200787_PM_s_at	1.5	0.5	2.4E-07	238424_PM_at	ADAL	-0.38106	6.937254	-5.44907	1.14E-07	8.90E-07	7.061366
SLC20A1	201920_PM_at	1.5	0.5	8.4E-07	202426_PM_s_at	RXRA	-0.38123	4.284946	-6.28272	1.32E-09	1.62E-08	11.3705
IGF1	209540_PM_at	1.5	0.5	1.5E-02	226460_PM_at	FNIP2	-0.38138	9.976216	-5.74495	2.46E-08	2.26E-07	8.536436
SYK	207540_PM_s_at	1.5	0.5	1.4E-06	204556_PM_s_at	DZIP1	-0.38152	8.731172	-5.26039	2.92E-07	2.08E-06	6.153747
SLFN12	219885_PM_at	1.5	0.5	1.7E-07	217806_PM_s_at	POLDIP2	-0.38186	9.429396	-5.5395	7.17E-08	5.90E-07	7.505811
RRAS	212647_PM_at	1.5	0.5	6.0E-08	210331_PM_at	HECW1	-0.38201	4.384506	-5.87136	1.26E-08	1.24E-07	9.185173
FJ110038	205510_PM_s_at	1.5	0.5	4.7E-08	221251_PM_x_at	INOB08	-0.38211	4.49975	-6.20962	1.98E-09	2.34E-08	10.974
MAPK1	208351_PM_s_at	1.5	0.5	3.4E-08	223858_PM_at	ESRRB	-0.38224	4.234417	-5.51281	8.22E-08	6.67E-07	7.374084
KLRG2	231195_PM_at	1.5	0.5	4.7E-03	213632_PM_at	DHODD	-0.3826	5.896304	-5.55875	6.49E-08	5.41E-07	7.601131
S100A13	202598_PM_at	1.5	0.5	2.3E-08	201753_PM_s_at	ADD3	-0.38282	11.10915	-7.24518	4.48E-12	9.21E-11	16.89883
PANX1	204715_PM_at	1.5	0.5	1.2E-06	244739_PM_at	RDX	-0.38307	3.664655	-7.19746	6.02E-12	1.21E-10	16.61185
IFI35	209417_PM_s_at	1.5	0.5	4.4E-05	219176_PM_at	C2orf47	-0.38309	9.727623	-6.50119	3.81E-10	5.26E-09	12.5758
C10orf10	209182_PM_s_at	1.5	0.5	1.9E-08	217934_PM_x_at	STUB1	-0.38349	9.390104</				

MNS1	219703_PM_at	1.5	0.6	1.7E-05	227328_PM_at	CAMTA1	-0.38847	7.891565	-5.26346	2.88E-07	2.05E-06	6.168346
TRAZA	204658_PM_at	1.5	0.6	5.3E-06	231701_PM_s_at	SHMT1	-0.38847	6.482248	-4.98255	1.12E-06	6.97E-06	4.864567
SELP	206049_PM_at	1.5	0.6	5.8E-05	212434_PM_at	GRPEL1	-0.3885	8.894425	-6.53325	3.17E-10	4.46E-09	12.75525
SIDT1	219734_PM_at	1.5	0.6	1.2E-06	227878_PM_s_at	ALKBH7	-0.38879	8.856365	-5.70002	6.13E-08	5.14E-07	7.657409
PATL2	230753_PM_at	1.5	0.6	1.9E-08	236719_PM_at	---	-0.38919	5.028204	-5.10038	6.37E-07	4.20E-06	5.404303
TOX	204529_PM_s_at	1.5	0.6	7.3E-08	203966_PM_s_at	PPM1A	-0.38923	9.608151	-6.64508	1.65E-10	2.48E-09	13.38602
IQGAP1	200791_PM_s_at	1.5	0.6	8.3E-07	221333_PM_at	FOXP3	-0.38936	4.455039	-5.12037	5.79E-07	3.86E-06	5.496875
SETX	201964_PM_at	1.5	0.6	1.6E-08	240039_PM_at	---	-0.38979	8.884223	-6.19843	2.11E-09	2.48E-08	10.91363
TC2N	234970_PM_at	1.5	0.6	4.8E-08	202614_PM_at	SLC30A9	-0.38991	9.778262	-6.78448	7.29E-11	1.17E-09	14.18309
SGOL2	230165_PM_at	1.5	0.6	2.0E-08	242987_PM_x_at	---	-0.39015	5.043025	-5.1497	5.02E-07	3.40E-06	5.633279
SIPAL12	225056_PM_at	1.5	0.6	1.1E-06	202271_PM_at	FBXO28	-0.39034	8.425753	-6.15958	2.62E-09	3.02E-08	10.70458
PBX3	204082_PM_at	1.5	0.6	1.1E-09	228978_PM_at	LOC645722	-0.39037	4.883126	-5.21035	3.73E-07	2.59E-06	5.917332
SLIT3	203812_PM_at	1.5	0.6	6.5E-06	51146_PM_at	PIGV	-0.39044	8.009567	-6.19434	2.16E-09	2.53E-08	10.89154
NETO2	218888_PM_s_at	1.5	0.6	1.1E-08	227562_PM_at	MAPKSP1	-0.39053	8.068926	-5.11657	5.89E-07	3.92E-06	5.479229
ELF1	212418_PM_at	1.5	0.6	1.2E-09	223811_PM_s_at	GET4 /// SUN1	-0.39055	7.050414	-5.3551	1.82E-07	1.37E-06	6.606228
LTB	207339_PM_s_at	1.5	0.6	8.0E-08	204925_PM_at	CTNS	-0.39071	7.316141	-5.00955	9.85E-07	6.22E-06	4.987332
CEP55	218542_PM_at	1.5	0.6	2.0E-05	200666_PM_s_at	DNAI81	-0.39075	9.299554	-6.56286	2.67E-10	3.82E-09	12.92152
FAM105A	214947_PM_at	1.5	0.6	4.5E-07	218780_PM_at	HOOK2	-0.39088	8.099125	-6.03078	5.32E-09	5.73E-08	10.01874
MLL	212076_PM_at	1.5	0.6	1.3E-07	229719_PM_s_at	DERL3	-0.39195	4.083621	-5.12335	5.70E-07	3.81E-06	5.510705
GOLGABA	208798_PM_x_at	1.5	0.6	5.7E-04	214310_PM_s_at	ZFP11	-0.39201	4.711522	-5.57043	6.12E-08	5.13E-07	7.659097
SNHG1	224610_PM_at	1.5	0.6	4.9E-10	202893_PM_at	UNC13B	-0.39211	8.978996	-5.97611	7.14E-09	7.45E-08	9.73407
VEGFC	209946_PM_at	1.5	0.6	1.8E-06	219707_PM_at	CPNE7	-0.39275	5.804677	-5.089	6.73E-07	4.42E-06	5.351716
LOC20030 /// NBPF11	227926_PM_s_at	1.5	0.6	8.4E-06	234130_PM_at	LDB3	-0.3932	4.559863	-5.11352	5.98E-07	3.97E-06	5.465101
KNTC1	206316_PM_s_at	1.5	0.6	2.6E-07	213282_PM_at	APOOL	-0.39362	9.551396	-5.62463	4.62E-08	3.99E-07	7.929285
CRELD2	218358_PM_at	1.5	0.6	1.3E-11	218760_PM_at	COQ6	-0.39372	7.731326	-6.23141	1.76E-09	2.10E-08	11.09179
SLC11	236487_PM_at	1.5	0.6	9.8E-09	226696_PM_at	RBBP9	-0.39385	8.478701	-6.5494	2.88E-10	4.11E-09	12.84583
PIK3AP1	226459_PM_at	1.5	0.6	1.3E-08	209818_PM_s_at	HABP4	-0.39385	8.400023	-5.41774	1.33E-07	1.03E-06	6.9091
PRKX	204061_PM_at	1.5	0.6	1.3E-04	202486_PM_at	AFGL2	-0.39438	8.262592	-6.39696	6.91E-10	8.98E-09	11.99697
ESYT1	208858_PM_s_at	1.5	0.6	7.4E-13	210182_PM_at	AFY17	-0.39439	4.661706	-5.49717	8.90E-08	7.16E-07	7.297183
MMD	203414_PM_at	1.5	0.6	2.3E-12	207141_PM_s_at	KCNJ3	-0.39447	4.103927	-5.81045	1.74E-08	1.65E-07	8.871221
P2RY6	208373_PM_s_at	1.5	0.6	1.1E-08	223440_PM_at	C16orf70	-0.39472	6.869182	-5.50629	8.50E-08	6.86E-07	7.341996
SNX10	218404_PM_at	1.5	0.6	4.4E-06	228689_PM_at	NDUFA11	-0.39481	5.2409	-6.42602	5.80E-08	7.75E-09	12.15766
LOXL4	227145_PM_at	1.5	0.6	1.4E-07	213149_PM_at	DLAT	-0.39498	8.188162	-6.64372	4.19E-08	3.64E-07	8.024955
CFB	202357_PM_s_at	1.5	0.6	1.8E-08	212652_PM_s_at	SNX4	-0.39527	9.797373	-6.99307	2.09E-11	3.82E-10	15.39742
IL18RAP	207072_PM_at	1.5	0.6	5.6E-07	218045_PM_x_at	PTMS	-0.39534	4.51178	-5.26768	2.82E-07	2.02E-06	6.188375
ELTD1	219134_PM_at	1.5	0.6	2.0E-06	210757_PM_x_at	DAB2	-0.39535	10.87277	-5.39344	1.51E-07	1.15E-06	6.791267
CD8B	207979_PM_s_at	1.5	0.6	2.7E-05	208429_PM_x_at	HNF4A	-0.39544	4.044962	-5.90374	1.06E-08	1.06E-07	9.35306
SLC2A14 /// SLC2A3	216236_PM_s_at	1.5	0.6	2.4E-07	222447_PM_at	METTL9	-0.39566	9.04091	-5.83185	1.55E-08	1.50E-07	8.98124
DLGAP5	203764_PM_at	1.5	0.6	5.2E-05	211096_PM_at	PBX2	-0.39567	4.869943	-5.57247	6.05E-08	5.09E-07	7.669194
PRKQC	210038_PM_at	1.5	0.6	7.4E-04	225338_PM_at	ZYG11B	-0.39571	9.26072	-7.36207	2.17E-12	4.81E-11	17.60712
GALNT1	201722_PM_s_at	1.5	0.6	3.2E-11	237092_PM_at	---	-0.39609	6.605808	-5.30023	2.40E-07	1.74E-06	6.343316
FLJ39739	239005_PM_at	1.5	0.6	1.5E-10	58900_PM_at	LOC222070	-0.39652	7.555951	-5.18326	4.26E-07	2.92E-06	5.790141
ACTR3	200996_PM_at	1.5	0.6	4.2E-08	229647_PM_at	NDUFS1	-0.39663	9.460757	-5.95214	8.15E-09	8.36E-08	9.605395
BNIP2	209308_PM_s_at	1.5	0.6	3.4E-09	218001_PM_at	MRP52	-0.39676	8.48008	-5.51011	8.33E-08	6.74E-07	7.360795
VIM	201426_PM_s_at	1.5	0.6	8.4E-09	203439_PM_s_at	STC2	-0.39677	4.298028	-5.96415	7.64E-09	7.89E-08	9.66824
TGM2	201042_PM_at	1.5	0.6	2.4E-06	208714_PM_at	NDUFG1	-0.39687	10.46155	-6.86499	4.52E-11	7.68E-10	14.64872
COL16A1	204345_PM_at	1.5	0.6	1.2E-05	227204_PM_at	PARD6V	-0.39764	6.150017	-5.0964	6.50E-07	4.28E-06	5.385862
SMC4	201663_PM_s_at	1.5	0.6	2.4E-04	238514_PM_at	TMEM25	-0.39774	4.249839	-6.67962	1.35E-10	2.06E-09	13.58241
C1orf59	225841_PM_at	1.5	0.6	9.8E-07	206248_PM_at	PRKCE	-0.39776	4.167388	-6.30361	1.17E-09	1.45E-08	11.4844
PLXND1	212235_PM_at	1.5	0.6	3.4E-08	206031_PM_s_at	USP5	-0.39803	5.542426	-5.73806	2.55E-08	2.34E-07	8.501426
NDC80	204162_PM_at	1.5	0.6	4.0E-06	212148_PM_at	PBX1	-0.39812	8.945867	-5.50258	8.66E-08	6.98E-07	7.32378
MCAAM	209086_PM_x_at	1.5	0.6	9.7E-07	218639_PM_s_at	ZKDC	-0.39814	7.257074	-6.32758	1.02E-09	1.28E-08	11.61548
DDX50	221699_PM_s_at	1.5	0.6	2.8E-07	203469_PM_s_at	CDK10	-0.39824	9.989973	-5.00533	1.00E-06	6.33E-06	4.968105
SLC16A5	206599_PM_at	1.5	0.6	1.4E-04	229112_PM_at	SIRTS	-0.39843	5.118394	-5.34764	1.89E-07	1.41E-06	6.570387
SCO2	205241_PM_at	1.5	0.6	5.0E-07	205838_PM_at	GYPB /// GYPB	-0.39852	4.059236	-5.93572	8.91E-09	9.05E-08	9.519615
NPCD1	218086_PM_at	1.5	0.6	2.4E-07	223211_PM_at	HACL1	-0.39859	8.759258	-5.61968	4.74E-08	4.08E-07	7.904508
FGFBP2	223836_PM_at	1.5	0.6	7.3E-05	1552711_PM_a_at	CYBS01	-0.3986	8.555371	-5.72246	2.77E-08	2.51E-07	8.422222
SLC02A1	204368_PM_at	1.5	0.6	4.7E-07	218869_PM_at	MLYCD	-0.39862	7.617154	-5.36643	1.72E-07	1.30E-06	6.660794
PELI1	218319_PM_at	1.5	0.6	7.9E-06	241671_PM_x_at	FLJ22536	-0.3993	4.415931	-5.4275	1.27E-07	9.85E-07	6.956527
LY9	210370_PM_s_at	1.5	0.6	3.1E-08	225350_PM_s_at	ZYG11B	-0.39931	9.235079	-7.23285	4.84E-12	9.95E-11	16.82454
RIPK3	228139_PM_at	1.5	0.6	1.1E-09	201415_PM_at	GSS	-0.39931	8.743034	-5.01409	9.64E-07	6.10E-06	5.008022
DCDC2	222925_PM_at	1.5	0.6	2.5E-04	244827_PM_at	---	-0.3994	1.664993	-5.86781	1.28E-08	1.26E-07	9.166789
SPH11	219257_PM_s_at	1.5	0.6	5.5E-08	228151_PM_at	---	-0.39999	8.79939	-5.36078	1.77E-07	1.33E-06	6.633606
SOX4	201416_PM_at	1.5	0.6	1.1E-05	225503_PM_at	DHR5X	-0.40003	7.787489	-5.26431	2.86E-07	2.05E-06	6.172358
HCG26	214186_PM_s_at	1.5	0.6	1.1E-06	214140_PM_at	SLC25A16	-0.40046	6.682442	-5.36253	1.76E-07	1.32E-06	6.641998
ARL11	1552691_PM_at	1.5	0.6	3.2E-07	214864_PM_s_at	GRHRP	-0.40085	10.39824	-5.47417	1.00E-07	7.94E-07	7.184313
ZEB2	203603_PM_s_at	1.5	0.6	6.0E-06	208184_PM_s_at	TRAPPC10	-0.4009	6.684688	-6.62245	1.89E-10	2.80E-09	13.25777
KIAA1731	229878_PM_at	1.5	0.6	3.2E-07	219021_PM_at	RNF121	-0.40096	6.455185	-5.78487	2.00E-08	1.87E-07	8.740154
AGR2	209173_PM_at	1.5	0.6	1.1E-04	222469_PM_s_at	TOLLIP	-0.40152	8.04915	-5.33103	2.06E-07	1.52E-06	6.490612
FANCI	213007_PM_at	1.5	0.6	9.3E-07	224680_PM_at	TMED4	-0.40163	9.841376	-6.31981	1.07E-09	1.33E-08	11.57297
OVOS /// OVOS2	228245_PM_s_at	1.5	0.6	2.8E-05	221562_PM_at	SIRT3	-0.40243	7.149043	-5.86325	1.32E-08	1.29E-07	9.143209
IPCE11	214735_PM_at	1.5	0.6	1.5E-06	221498_PM_at	SNX27	-0.40295	8.644613	-6.9456	2.79E-11	4.97E-10	15.11881
CPVL	208146_PM_s_at	1.5	0.6	1.5E-06	225587_PM_at	TMEM129	-0.40314	6.811199	-5.1102	6.08E-07	4.03E-06	5.449751
PBK	219148_PM_at	1.5	0.6	2.6E-04	221913_PM_at	SIRT3	-0.40316	5.296173	-6.1716	2.45E-09	2.84E-08	10.76914
TRIM69	232792_PM_at	1.5	0.6	9.9E-13	226996_PM_at	LCLAT1	-0.40328	8.592167	-6.0353	5.19E-09	5.60E-08	10.04262
IL18R1	206618_PM_at	1.5	0.6	9.4E-08	221958_PM_s_at	WLS	-0.40337	9.780025	-6.3649	8.29E-10	1.06E-08	11.8203
HEPH	203903_PM_s_at	1.5	0.6	1.3E-05	210008_PM_s_at	MRPS12	-0.40348	5.515937	-5.3688	1.70E-07	1.29E-06	6.672223
RASA2	206636_PM_at	1.5	0.6	2.0E-09	238515_PM_at	NUDT16	-0.40386	6.324579	-5.15506	4.89E-07	3.32E-06	5.658261
IFIT2	217502_PM_at	1.5	0.6	4.8E-06	209018_PM_s_at	PINK1	-0.40388	8.85542	-5.01136	9.76E-07	6.17E-06	4.995572
WAS	205400_PM_at	1.5	0.6	9.9E-10	240615_PM_at	---	-0.40414	4.129196	-5.99187	6.58E-09	6.93E-08	9.813711
ITPR1P	225582_PM_at	1.5	0.6	1.3E-10	202974_PM_at	MPP1	-0.40544	8.563487	-5.95617	7.98E-09	8.21E-08	9.626452
TRIM4	223384_PM_s_at	1.5	0.6	1.1E-06	21886							

CMTM7	226017_PM_at	1.5	0.6	4.5E-11	226688_PM_at	C3orf23	-0.4114	8.050857	-5.73757	1.66E-07	1.26E-06	6.695261
B3GNT5	225612_PM_s_at	1.5	0.6	8.3E-07	1563658_PM_a_at	SVY79	-0.41182	4.53986	-5.49678	8.92E-08	1.71E-07	7.295258
TRAF3IP3	205804_PM_s_at	1.5	0.6	3.9E-06	221953_PM_s_at	LOC729580	-0.41195	8.064815	-5.10258	6.31E-07	4.16E-06	5.414447
UBE2T	223229_PM_at	1.5	0.6	5.8E-06	203467_PM_at	PMM1	-0.41215	8.724656	-5.38855	1.54E-07	1.18E-06	6.767598
FUT4	209892_PM_at	1.5	0.6	1.0E-08	226985_PM_at	FGD5	-0.41222	7.231284	-5.80004	1.84E-08	1.74E-07	8.817819
TMEM71	238429_PM_at	1.5	0.6	5.3E-08	243029_PM_at	KREMEN1	-0.41257	4.697151	-4.97972	1.13E-06	7.06E-06	4.851755
TNFSF10	202687_PM_s_at	1.5	0.6	1.7E-07	204813_PM_at	MAPK10	-0.41265	7.86424	-5.73084	2.65E-08	2.41E-07	8.464759
IER3	201631_PM_s_at	1.5	0.6	9.8E-08	202366_PM_at	ACAD5	-0.41272	7.668827	-4.97652	1.15E-06	7.15E-06	4.837219
GABRP	205044_PM_at	1.5	0.6	2.7E-05	233979_PM_s_at	ESPN	-0.41291	4.016665	-7.02116	1.77E-11	3.27E-10	15.56293
MACCP1	232151_PM_at	1.5	0.6	2.5E-05	213551_PM_x_at	PCGF2	-0.41309	7.73059	-5.41279	1.37E-07	1.05E-06	6.885068
HP	206697_PM_s_at	1.5	0.6	2.2E-03	223421_PM_at	CYHR1	-0.41317	6.731976	-5.21206	3.70E-07	2.57E-06	5.925397
IL6ST	204863_PM_s_at	1.5	0.6	8.0E-05	224319_PM_s_at	SMCR7L	-0.41321	6.898342	-5.38748	1.55E-07	1.18E-06	6.762443
NEK2	204641_PM_at	1.5	0.6	3.5E-07	226844_PM_at	MOBKLB2	-0.41338	8.335852	-5.71572	2.87E-08	2.60E-07	8.388053
FMNL2	226184_PM_at	1.5	0.6	7.1E-11	230519_PM_at	FAM112A	-0.41337	6.293222	-5.5108	8.30E-08	6.72E-07	7.364204
PTPLAD2	244050_PM_at	1.5	0.6	2.2E-05	224831_PM_at	CPEB4	-0.41394	9.37923	-5.95344	8.10E-09	8.31E-08	9.612195
GNL3	217850_PM_at	1.5	0.6	3.0E-10	208996_PM_s_at	POLR2C	-0.41405	9.126562	-5.33689	2.00E-07	1.48E-06	6.518737
	6-Sep											
LRRRC8	212413_PM_at	1.5	0.6	6.3E-07	215741_PM_x_at	AKAP8L	-0.41422	5.161006	-5.08027	7.02E-07	4.59E-06	5.31143
LRRRC8	223533_PM_at	1.5	0.6	3.4E-09	212757_PM_s_at	CAMK2G	-0.41423	8.410054	-6.40835	6.48E-08	8.48E-09	12.05993
HK1	200697_PM_at	1.5	0.6	8.9E-09	226682_PM_at	RORA	-0.41453	9.385862	-5.70375	3.06E-08	2.75E-07	8.327405
COL4A2	211964_PM_at	1.5	0.6	5.0E-07	228662_PM_at	SOCS7	-0.41459	7.478643	-5.2668	2.83E-07	2.03E-06	6.184158
TICAM2	228234_PM_at	1.5	0.6	8.2E-08	213626_PM_at	CBR4	-0.41519	9.216218	-7.27379	3.76E-12	7.94E-11	17.07148
ACTR2	200727_PM_s_at	1.5	0.6	7.1E-05	202480_PM_s_at	DEDD	-0.41536	5.275477	-5.55186	6.73E-08	5.58E-07	7.566977
PRRX1	205991_PM_s_at	1.5	0.6	1.7E-03	204498_PM_s_at	ADCY9	-0.41543	4.268953	-5.6933	3.23E-08	1.88E-07	8.274577
TCF4	203753_PM_at	1.5	0.6	6.2E-06	203458_PM_at	SPR	-0.41555	8.325786	-5.82061	1.65E-08	1.58E-07	8.923426
LYSMD2	226748_PM_at	1.5	0.6	4.9E-11	228155_PM_at	C10orf58	-0.41632	10.8539	-5.98958	6.66E-09	7.00E-08	9.801654
LOC100132891	228438_PM_at	1.5	0.6	2.1E-07	209005_PM_at	FBXL5	-0.41636	8.1354	-5.44403	1.17E-07	9.10E-07	7.037051
C8orf84	214725_PM_at	1.5	0.6	5.3E-05	214129_PM_at	---	-0.41668	5.077438	-5.10072	6.36E-07	4.20E-06	5.405835
GPX7	213170_PM_at	1.5	0.6	2.4E-06	201829_PM_at	NET1	-0.41684	9.275524	-5.97369	7.26E-09	7.56E-08	9.718245
CDH6	205532_PM_s_at	1.5	0.6	1.3E-03	211693_PM_at	IGHA1	-0.41705	5.43634	-5.3428	1.94E-09	1.44E-06	6.547086
BTN2A2	205299_PM_s_at	1.5	0.6	1.4E-08	232186_PM_at	FITM2	-0.41715	4.860933	-5.01993	9.37E-07	5.94E-06	5.034659
CD200	209582_PM_s_at	1.5	0.6	2.5E-05	212510_PM_at	GPD1L	-0.41738	9.431801	-6.13729	2.96E-09	3.37E-08	10.5851
TRAFD1	202837_PM_at	1.5	0.6	1.2E-07	206416_PM_at	ZNF205	-0.41768	5.827894	-5.17328	4.48E-07	3.06E-06	5.743404
RHOF	219045_PM_at	1.5	0.6	1.4E-06	203995_PM_at	C21orf2	-0.41786	4.857317	-6.09909	3.66E-09	4.09E-08	10.38113
C13orf34	219544_PM_at	1.5	0.6	6.9E-07	204505_PM_s_at	EPB49	-0.41793	6.384811	-5.06775	7.46E-07	4.84E-06	5.253769
GNAL15	205349_PM_at	1.5	0.6	3.2E-06	213141_PM_at	PSKH1	-0.41803	6.043056	-5.6366	4.34E-08	3.77E-07	7.98924
GVIN1	220577_PM_at	1.5	0.6	3.3E-10	226780_PM_s_at	C7orf55	-0.41823	9.638938	-6.54985	2.88E-10	4.10E-09	12.84836
DDHD1	225965_PM_at	1.5	0.6	6.6E-10	235194_PM_at	TPCN2	-0.41838	4.494227	-5.18775	4.17E-07	2.86E-06	5.811178
MYD88	209124_PM_at	1.5	0.6	2.4E-10	220094_PM_s_at	CCDC90A	-0.41849	9.609983	-6.27199	1.40E-09	1.71E-08	11.31204
AP152	203299_PM_s_at	1.5	0.6	2.3E-08	220968_PM_s_at	TSPAN9	-0.41917	8.489143	-5.71498	2.88E-08	2.60E-07	8.884255
C21orf63	227188_PM_at	1.5	0.6	1.2E-08	230591_PM_at	LOC729887	-0.41922	4.703013	-5.81291	1.72E-08	1.64E-07	8.883838
NKAIN4	228017_PM_s_at	1.5	0.6	1.7E-03	228120_PM_at	---	-0.4194	7.136564	-5.62463	6.62E-08	3.99E-07	7.929301
DENND4B	202860_PM_at	1.5	0.6	1.2E-09	220476_PM_s_at	C1orf183	-0.41969	5.535672	-7.26171	4.05E-12	8.50E-11	16.99586
S100B	209686_PM_at	1.5	0.6	1.3E-05	201612_PM_at	ALDH9A1	-0.42015	11.16047	-7.63923	3.76E-13	9.74E-12	19.31617
FKBP1A	200709_PM_at	1.5	0.6	1.8E-09	216470_PM_x_at	PRSS1 /// PRSS2 /// PRSS3	-0.42036	4.225554	-5.48441	9.50E-08	7.58E-07	7.234521
OASL	205660_PM_at	1.5	0.6	5.2E-07	1555027_PM_at	P4HA2	-0.42104	4.171512	-6.15998	2.61E-09	3.01E-08	10.70675
RASGRP2	208206_PM_s_at	1.5	0.6	1.1E-09	225324_PM_at	CRSL1	-0.42111	9.136337	-7.85542	9.34E-14	2.76E-12	20.67738
LOC439949	232001_PM_at	1.5	0.6	1.8E-04	218552_PM_at	ECHDC2	-0.42127	10.40294	-6.12109	3.24E-09	3.66E-08	10.49849
PHF19	225533_PM_at	1.5	0.6	7.6E-07	205052_PM_at	AUH	-0.42141	10.28464	-5.82114	1.65E-08	1.57E-07	8.926121
PHF11	221816_PM_s_at	1.5	0.6	2.2E-11	202266_PM_at	TDP2	-0.42215	10.19425	-4.98104	1.13E-06	7.02E-06	4.857734
LOC441454 /// LOC728026 ///	216384_PM_x_at	1.5	0.6	3.9E-11	229727_PM_x_at	C2CD4B	-0.42227	4.143963	-5.05779	7.82E-07	5.06E-06	5.208016
DUSP6	208891_PM_at	1.5	0.6	1.1E-10	211074_PM_s_at	MMACHC	-0.42235	6.101137	-5.54024	7.14E-08	5.88E-07	7.509498
IL4R	203233_PM_at	1.5	0.6	1.6E-10	213333_PM_at	MDH2	-0.42252	8.741815	-6.96681	2.45E-11	4.41E-10	15.24314
APOLD1	221031_PM_s_at	1.5	0.6	1.3E-05	226833_PM_at	CYB5D1	-0.42273	8.022394	-5.12039	5.79E-07	3.86E-06	5.496986
MP2L2	203779_PM_s_at	1.5	0.6	1.8E-08	209624_PM_s_at	MCC22	-0.42273	5.226571	-5.15789	4.82E-07	3.28E-06	5.671465
CD163	216233_PM_at	1.5	0.6	4.2E-05	217792_PM_at	SNX5	-0.42288	10.01428	-7.55115	8.48E-13	2.02E-11	18.52341
BCAT1	214390_PM_s_at	1.5	0.6	3.9E-07	206037_PM_at	CCBL1	-0.42292	6.645837	-6.1465	2.82E-09	3.22E-08	10.63444
FAM57A	218898_PM_at	1.5	0.6	1.9E-08	218939_PM_at	LETM1	-0.42301	4.947986	-6.89991	3.67E-11	6.37E-10	14.85189
RPS6KA5	204635_PM_at	1.5	0.6	2.1E-07	239765_PM_at	---	-0.42301	3.921939	-6.24361	1.64E-09	1.98E-08	11.15791
SUZ12 /// SUZ12P	213971_PM_s_at	1.5	0.6	1.8E-08	227034_PM_at	ANKRD57	-0.4233	9.32693	-6.14425	2.85E-09	3.26E-08	10.62238
VASP	202205_PM_at	1.5	0.6	3.1E-08	206419_PM_at	RORC	-0.4235	4.2686	-6.69917	1.21E-10	1.85E-09	13.69393
CSK	202329_PM_at	1.5	0.6	1.3E-07	223178_PM_s_at	NTSDC1	-0.42385	8.7225	-5.47291	1.01E-07	7.99E-07	7.178155
FAR2	220615_PM_s_at	1.5	0.6	2.9E-09	202959_PM_at	MUT	-0.42419	9.043178	-5.57043	6.12E-08	5.13E-07	7.659079
BANK1	219667_PM_s_at	1.5	0.6	6.2E-05	224729_PM_s_at	ATP1A1	-0.42422	9.936337	-7.61022	4.53E-13	1.14E-11	19.13535
PMP22	210139_PM_s_at	1.5	0.6	1.8E-06	210418_PM_s_at	IDH3B	-0.4246	9.169138	-5.26483	2.86E-07	2.04E-06	6.174829
MALT1	208309_PM_s_at	1.5	0.6	9.6E-07	205877_PM_s_at	ZC3H7B	-0.42509	7.408426	-6.81573	6.06E-11	9.98E-10	14.36334
MLL3	222413_PM_s_at	1.5	0.6	6.0E-08	219876_PM_s_at	GOLGA2B	-0.42598	5.328671	-6.12266	1.12E-06	6.98E-06	4.863254
SGK223	235085_PM_at	1.5	0.6	1.4E-10	225531_PM_at	CABLES1	-0.42674	7.103878	-4.97836	1.14E-06	7.10E-06	4.845593
FAM84A	225667_PM_s_at	1.5	0.6	5.2E-06	203425_PM_s_at	IGFBP5	-0.42702	4.787628	-5.81636	1.69E-08	1.61E-07	8.901572
YWHAH	201020_PM_at	1.5	0.6	2.9E-05	209385_PM_s_at	PROSC	-0.42713	10.16486	-5.1269	5.61E-07	3.75E-06	5.52718
SH2D2A	207351_PM_s_at	1.5	0.6	4.8E-07	204447_PM_at	ProSAP1P	-0.42757	8.446511	-5.02442	9.17E-07	5.83E-06	5.055135
GINS1	206102_PM_at	1.5	0.6	1.3E-06	219379_PM_x_at	ZNF358	-0.42834	5.518021	-5.56147	6.40E-08	5.34E-07	7.614623
MITD1	226329_PM_s_at	1.5	0.6	6.4E-09	224415_PM_s_at	HINT2	-0.42847	10.20223	-6.0449	4.93E-09	5.34E-08	10.0934
NUB1	222512_PM_at	1.5	0.6	1.7E-10	224645_PM_at	E1F4EBP2	-0.42901	9.086894	-6.47434	4.44E-10	6.04E-09	12.42600
PAX5	206802_PM_at	1.5	0.6	1.1E-06	211820_PM_x_at	GYP A	-0.42912	4.384385	-6.02003	5.64E-09	6.03E-08	9.961958
HIF1A	200989_PM_at	1.5	0.6	7.5E-12	208741_PM_at	SAP18	-0.42914	8.572852	-7.59929	4.86E-13	1.22E-11	19.06736
CHST7	206756_PM_at	1.5	0.6	4.2E-08	228741_PM_s_at	CLCN3	-0.42917	4.618313	-5.26351	2.88E-07	2.05E-06	6.168548
IL1R1	202948_PM_at	1.5	0.6	2.7E-11	232128_PM_s_at	CLCN5	-0.42927	4.451216	-4.98265	1.12E-06	6.97E-06	4.865001
DEFA1 /// DEFA1B /// DEFA3	205033_PM_s_at	1.5	0.6	3.9E-03	202003_PM_s_at	ACAA2	-0.42952	11.40317	-5.03208	8.84E-07	5.65E-06	5.090188
SLC14A4	209610_PM_s_at	1.5	0.6	3.5E-06	1563796_PM_s_at	EAR25	-0.42965	6.600569	-5.34787	1.89E-07	1.41E-06	6.571483
RIPK2	209544_PM_at	1.5	0.6	1.0E-11	219114_PM_at	C3orf18	-0.42996	6.638712	-6.22719	1.80E-09	2.15E-08	11.06895
SLC4A7	207604_PM_s_at	1.5	0.6	2.3E-07	231460_PM_at	---	-0.43039	3.966673	-5.25788	2.96E-07	2.11E-06	6.141835
BTN2A1	20											

CD6	213958_PM_at	1.6	0.6	1.2E-09	237117_PM_at	LOC727930	-0.43718	4.117253	-5.02701	9.06E-07	5.77E-06	5.066997
NTM	222020_PM_s_at	1.6	0.6	8.9E-06	226454_PM_at		-0.43771	7.335405	-5.78393	2.01E-08	1.88E-07	8.735331
PAPPA	201981_PM_at	1.6	0.6	6.9E-05	222666_PM_s_at	RC1L	-0.43817	6.191021	-5.24261	3.19E-07	5.32E-06	6.069541
AXL	202685_PM_s_at	1.6	0.6	3.3E-14	219475_PM_at	OSGIN1	-0.43822	5.086469	-5.01304	9.68E-07	6.12E-06	5.003215
LOC154761	227868_PM_at	1.6	0.6	3.0E-07	204167_PM_at	BDT	-0.43847	7.921637	-6.45251	5.04E-10	6.76E-09	12.30463
ARPC18	201954_PM_at	1.6	0.6	6.1E-04	225570_PM_at	SLC41A1	-0.4387	9.037776	-5.74556	2.46E-08	2.25E-07	8.539583
RSPH1	230093_PM_at	1.6	0.6	2.1E-05	202950_PM_at	CRY2	-0.43891	11.3824	-5.0462	8.27E-07	5.32E-06	5.15483
KCTD12	212188_PM_at	1.6	0.6	3.7E-10	1564017_PM_at	NCRNA00175	-0.43956	3.878219	-5.81502	1.70E-08	1.62E-07	8.894676
ARNLT2	220658_PM_s_at	1.6	0.6	1.7E-08	231277_PM_x_at	DTW02	-0.43966	6.321185	-6.02739	5.42E-09	5.83E-08	10.00081
PARP11	220315_PM_at	1.6	0.6	5.3E-09	221777_PM_at	C12orf52	-0.44008	8.721368	-5.50053	8.75E-08	7.04E-07	7.313678
HAS2	206432_PM_at	1.6	0.6	3.5E-08	204878_PM_s_at	TAOK2	-0.44024	4.852272	-6.11657	3.32E-09	3.74E-08	10.47436
FILIP1L	204135_PM_at	1.6	0.6	7.1E-05	223183_PM_at	AGPAT3	-0.44064	8.04095	-5.74111	2.51E-08	2.30E-07	8.516915
C19orf33	223631_PM_s_at	1.6	0.6	4.1E-04	228142_PM_at	UQCRI10	-0.44078	8.394616	-5.15922	4.79E-07	3.26E-06	5.677668
CCDC69	212886_PM_at	1.6	0.6	5.8E-06	1560742_PM_at	---	-0.44105	5.323145	-5.23678	3.28E-07	2.31E-06	6.041996
MYC	202431_PM_s_at	1.6	0.6	3.5E-13	222993_PM_at	MRPL37	-0.44121	9.034994	-5.96043	7.80E-09	8.04E-08	9.648755
TIFAB	236673_PM_at	1.6	0.6	4.7E-06	223182_PM_s_at	AGPAT3	-0.44158	9.262532	-5.44659	1.15E-07	9.00E-07	7.049532
PPM1M	226074_PM_at	1.6	0.6	2.4E-09	242965_PM_at	---	-0.44161	5.387158	-5.03758	8.61E-07	5.51E-06	5.115328
PCOLCE	202465_PM_at	1.6	0.6	6.2E-05	218540_PM_at	HTTPA	-0.44162	7.435694	-5.88888	1.15E-08	1.13E-07	9.275912
RNASE72	217983_PM_s_at	1.6	0.6	9.0E-09	221568_PM_s_at	LIN7C	-0.44163	8.8823	-6.04606	4.89E-09	5.31E-08	10.0995
P2RY10	214615_PM_at	1.6	0.6	4.7E-07	242071_PM_x_at	ITGA8	-0.44201	4.582108	-4.97646	1.15E-06	7.15E-06	4.836965
ASPM	219918_PM_s_at	1.6	0.6	1.0E-07	32836_PM_at	AGPAT1	-0.44253	8.022609	-5.3139	2.24E-07	1.64E-06	6.40861
CHSY1	203044_PM_at	1.6	0.6	1.1E-13	223184_PM_s_at	AGPAT3	-0.44306	8.853626	-5.80562	1.79E-08	1.69E-07	8.84641
ROBO1	213194_PM_at	1.6	0.6	3.5E-08	200947_PM_s_at	GLUD1	-0.44308	11.50095	-6.74871	9.01E-11	1.42E-09	13.97745
FGG	219612_PM_s_at	1.6	0.6	2.5E-03	227298_PM_at	FUJ3798	-0.44311	7.604338	-5.85126	1.40E-08	1.36E-07	9.081273
CASP3	202763_PM_at	1.6	0.6	1.6E-08	209681_PM_at	SLC19A2	-0.44312	7.987089	-5.73179	2.64E-08	2.40E-07	8.469546
FES	205418_PM_at	1.6	0.7	1.8E-08	229191_PM_at	TBCD	-0.44317	4.451268	-5.35826	1.80E-07	1.35E-06	6.621473
TACC3	218308_PM_at	1.6	0.7	4.8E-08	203657_PM_s_at	CTSF	-0.44317	8.840344	-6.03444	5.32E-09	5.62E-08	10.03806
LOC91316	213502_PM_x_at	1.6	0.7	2.7E-06	214493_PM_s_at	INADL	-0.44342	4.494083	-6.23329	1.74E-09	2.09E-08	11.10202
IL17RA	205707_PM_at	1.6	0.7	6.5E-08	208009_PM_s_at	ARHGGEF16	-0.4435	6.100264	-5.21065	3.73E-07	2.59E-06	5.918763
SLAMF1	206181_PM_at	1.6	0.7	3.5E-08	206800_PM_at	PLCH2	-0.44361	4.76099	-5.25155	3.05E-07	2.17E-06	6.111844
ETS1	214447_PM_at	1.6	0.7	2.8E-07	218480_PM_at	AGBLS	-0.44414	7.170881	-5.14437	5.15E-07	3.48E-06	5.608433
CEBPD	203973_PM_s_at	1.6	0.7	3.1E-06	231260_PM_at	BC036928	-0.44449	6.712068	-5.39229	1.51E-07	1.16E-06	6.785684
CFP	206380_PM_s_at	1.6	0.7	2.5E-07	205231_PM_s_at	EPM2A	-0.44451	7.387025	-5.82395	1.62E-08	1.55E-07	8.940602
RNF125	207735_PM_at	1.6	0.7	3.7E-09	229506_PM_at	---	-0.44487	4.960842	-5.71348	2.91E-08	6.26E-07	8.376701
EHPB11	221755_PM_at	1.6	0.7	1.5E-06	201347_PM_x_at	GRHRP	-0.44488	10.94122	-5.6218	4.69E-08	4.04E-07	7.915107
ADAP2	219358_PM_s_at	1.6	0.7	3.7E-08	213129_PM_s_at	GCSH /// LOC100329108	-0.44506	10.78694	-6.33306	9.93E-10	1.25E-08	11.64552
TPM4	209344_PM_at	1.6	0.7	2.1E-05	212695_PM_at	CRY2	-0.44507	9.75273	-6.26091	1.49E-09	1.81E-08	11.2518
GLYR1 /// SEPT6	212414_PM_s_at	1.6	0.7	2.4E-07	229475_PM_at	MAEL	-0.44517	4.267103	-5.1995	3.94E-07	2.72E-06	5.866312
IL21R	219971_PM_at	1.6	0.7	4.8E-08	204305_PM_at	MIPEP	-0.44518	7.631236	-5.60898	5.01E-08	4.28E-07	7.851072
MELK	204825_PM_at	1.6	0.7	3.1E-06	210825_PM_s_at	PEBP1	-0.4455	12.10851	-7.29047	3.39E-12	7.23E-11	17.17233
FAM102B	226568_PM_at	1.6	0.7	5.2E-09	206587_PM_at	CTG6B	-0.44556	5.908081	-5.62455	4.62E-08	3.99E-07	9.288886
RCAN3	226272_PM_at	1.6	0.7	3.1E-09	218918_PM_at	MAN1C1	-0.44607	9.407372	-5.0929	6.41E-07	4.22E-06	5.399236
NCAPG	218662_PM_s_at	1.6	0.7	2.0E-06	211468_PM_s_at	RECQL5	-0.44621	4.723669	-6.20381	2.05E-09	2.41E-08	10.94264
INMT	224061_PM_at	1.6	0.7	7.3E-08	220989_PM_s_at	AMN	-0.44665	5.080036	-5.25452	3.01E-07	2.14E-06	6.125926
HECA	218603_PM_at	1.6	0.7	3.4E-11	228048_PM_at	C10orf41	-0.44719	4.608899	-6.34405	9.33E-10	1.18E-08	11.70581
STMN3	222557_PM_at	1.6	0.7	6.6E-13	220751_PM_s_at	C5orf4	-0.44758	7.5439	-5.86215	1.32E-08	1.29E-07	9.137508
C22orf9	212421_PM_at	1.6	0.7	1.1E-09	228441_PM_s_at	---	-0.44764	6.404836	-5.14243	5.20E-07	3.51E-06	5.599403
IGHM /// LOC652494	215949_PM_x_at	1.6	0.7	1.1E-03	235433_PM_at	APOOL	-0.44811	8.540351	-5.31291	2.25E-07	1.65E-06	6.403846
KRT18	201596_PM_x_at	1.6	0.7	8.7E-05	203996_PM_s_at	C21orf2	-0.44915	5.411374	-5.6754	3.55E-08	3.14E-07	8.184273
CCL23	210548_PM_at	1.6	0.7	9.9E-06	218440_PM_at	MCCC1	-0.44939	9.699482	-6.58527	2.34E-10	3.40E-09	13.04773
TRIM38	203567_PM_s_at	1.6	0.7	6.2E-12	224477_PM_s_at	NUDT16L1	-0.45037	7.634243	-5.85706	1.36E-08	1.32E-07	9.111233
DDX58	218943_PM_s_at	1.6	0.7	9.8E-08	219462_PM_at	TMEM53	-0.45043	6.880963	-5.25802	2.95E-07	2.10E-06	6.142539
CZCD2	212875_PM_s_at	1.6	0.7	1.0E-13	242300_PM_at	---	-0.4505	7.663984	-5.86739	1.29E-08	1.26E-07	9.164604
ICAM2	204683_PM_at	1.6	0.7	4.5E-08	236874_PM_at	LOC100286999	-0.45122	4.960574	-5.98136	6.96E-09	7.29E-08	9.758133
RELL1	226430_PM_at	1.6	0.7	3.8E-11	213323_PM_s_at	ZC3H7B	-0.4515	6.439497	-5.69392	3.22E-08	2.88E-07	8.277689
BLM	205733_PM_at	1.6	0.7	4.3E-07	203756_PM_at	ARHGGEF17	-0.45156	6.61456	-5.29703	2.44E-07	1.77E-06	6.32803
CD180	206206_PM_at	1.6	0.7	4.9E-07	1558487_PM_a_at	TMED4	-0.4516	9.709436	-7.1041	1.07E-11	2.05E-10	16.05417
UBASH3A	220418_PM_at	1.6	0.7	1.3E-07	1569905_PM_at	HSDB181L	-0.45266	5.644108	-6.02035	5.63E-09	6.03E-08	9.96368
EDN1	218995_PM_s_at	1.6	0.7	1.9E-09	201640_PM_x_at	CLPTM1	-0.45269	7.50062	-5.8881	1.15E-08	1.14E-07	9.271901
MTHFD1L	225520_PM_at	1.6	0.7	2.9E-13	227540_PM_at	EEFSEC	-0.45281	6.677244	-5.37655	1.64E-07	1.24E-06	6.709621
GPCPD1	224826_PM_at	1.6	0.7	2.2E-08	1554542_PM_at	LOC153328	-0.45348	4.43123	-5.5604	6.44E-08	5.36E-07	7.609307
CREB5	205931_PM_s_at	1.6	0.7	2.2E-08	209600_PM_s_at	ACOX1	-0.4538	8.788288	-5.13986	5.27E-07	3.56E-06	5.587459
TMEM2	218113_PM_at	1.6	0.7	1.1E-09	236258_PM_at	C20orf151	-0.4539	4.471164	-5.45244	1.12E-07	8.76E-07	7.078072
DISC1 /// TSXAX-DISC1	206090_PM_s_at	1.6	0.7	4.4E-14	1554030_PM_at	ARSB	-0.45397	4.779117	-5.39089	1.52E-07	1.16E-06	6.778946
GEM	204472_PM_at	1.6	0.7	5.0E-06	1560784_PM_x_at	---	-0.45405	4.914898	-5.03862	8.57E-07	5.49E-06	5.120084
DDX60L	228152_PM_s_at	1.6	0.7	3.8E-11	226849_PM_at	DENN1A	-0.45438	7.301307	-5.56848	6.18E-08	5.17E-07	7.649421
POM121L19P	206819_PM_at	1.6	0.7	2.3E-09	201701_PM_s_at	PGRMC2	-0.45514	8.977926	-7.29351	3.32E-12	7.13E-11	17.19075
C5orf56	230405_PM_at	1.6	0.7	1.2E-07	239684_PM_at	---	-0.4558	4.007938	-5.35186	1.85E-07	1.39E-06	6.590634
C5orf20	239529_PM_at	1.6	0.7	7.9E-07	220952_PM_s_at	PLEKHAS	-0.45595	5.579534	-5.73869	2.55E-08	2.33E-07	8.50463
ACTN1	208636_PM_at	1.6	0.7	1.5E-07	221575_PM_at	SCLY	-0.45602	7.146448	-5.05413	7.96E-07	5.13E-06	5.191192
MEI1	230011_PM_at	1.6	0.7	9.1E-07	220047_PM_at	SIRT4	-0.45615	4.854157	-6.43102	5.69E-10	7.55E-09	12.18539
ZFP36	201531_PM_at	1.6	0.7	1.1E-10	239650_PM_at	NCKAP5	-0.45619	4.292462	-5.43384	1.23E-07	9.56E-07	6.987391
PTGFRN	224937_PM_at	1.6	0.7	1.5E-07	1564498_PM_at	---	-0.4566	5.412157	-6.04621	4.89E-09	5.31E-08	10.1003
DDX26B	227485_PM_at	1.6	0.7	3.6E-07	225930_PM_at	NKIRAS1	-0.45684	7.514496	-6.76897	7.99E-11	1.28E-09	14.09383
SCML4	1556471_PM_at	1.6	0.7	6.8E-08	207006_PM_s_at	CCDC106	-0.45733	6.406893	-5.06885	7.42E-07	4.82E-06	5.258817
MBNL1	201151_PM_s_at	1.6	0.7	1.5E-03	243135_PM_x_at	LOC100287081	-0.45735	4.185022	-6.34488	9.29E-10	1.17E-08	11.71035
LGALS9	203236_PM_s_at	1.6	0.7	1.2E-08	228027_PM_at	GPRASP2	-0.45739	8.80208	-7.21847	5.29E-12	1.08E-10	16.73807
LGALS1	201105_PM_at	1.6	0.7	6.0E-06	222977_PM_at	SURF4	-0.4574	9.094606	-6.14671	2.81E-09	3.22E-08	10.63557
ZNFX1	225076_PM_s_at	1.6	0.7	4.0E-12	211615_PM_s_at	LRPPRC	-0.45745	9.636487	-7.85183	9.57E-14	2.82E-12	20.65461
MYO5A	204527_PM_at	1.6	0.7	5.0E-08	236290_PM_at	DOK6	-0.45753	5.539867	-5.03791	8.60E-07	5.50E-06	5.116825
EMILIN2	224374_PM_s_at	1.6	0.7	1.9E-10	218897_PM_at	TMEM177	-0.45768	7.60035	-5.16192	4.73E-07	3.22E-06	5.690289
PASK</												

DGKA	203385_PM_at	1.6	0.7	2.4E-08	203775_PM_at	SLC25A13	-0.46429	9.296513	-6.20735	2.01E-09	2.37E-08	10.96173
DDX60	218986_PM_s_at	1.6	0.7	1.6E-07	221926_PM_s_at	IL17RC	-0.46443	4.34524	-6.15903	2.63E-09	3.03E-08	10.70164
SYTL1	227134_PM_at	1.6	0.7	3.9E-07	220236_PM_at	PPDR	-0.46452	4.693803	-5.19462	4.03E-07	2.78E-06	5.843389
EGR3	206115_PM_at	1.6	0.7	2.5E-06	236311_PM_at	LOH12CR2	-0.46459	5.217811	-5.9482	8.33E-09	8.52E-08	9.584804
FAM91A2 /// FUJ9379 /// LOC	1568609_PM_s_at	1.6	0.7	4.7E-13	212876_PM_at	B4GALT4	-0.46471	7.941538	-6.19018	2.21E-09	2.58E-08	10.86912
TOX2	228737_PM_at	1.6	0.7	1.1E-06	1558703_PM_at	SLC46A1	-0.46488	6.892169	-5.62239	4.68E-08	4.03E-07	7.918067
AEBP1	201792_PM_at	1.6	0.7	1.1E-07	216224_PM_s_at	HDAC6	-0.46536	5.280495	-5.82394	1.62E-08	1.55E-07	8.94051
CD28	206545_PM_at	1.6	0.7	6.7E-06	229958_PM_at	CLN8	-0.46557	8.007742	-5.07982	7.04E-07	4.60E-06	5.309345
ITRPII2	227514_PM_at	1.6	0.7	8.8E-08	203289_PM_s_at	NPRL3	-0.46559	4.623934	-6.27226	1.40E-09	1.71E-08	11.31352
MT1M	217546_PM_at	1.6	0.7	1.0E-03	203791_PM_at	DMXL1	-0.46563	8.919389	-5.72323	2.76E-08	2.50E-07	8.426085
SLC2A6	220091_PM_at	1.6	0.7	6.7E-07	1556160_PM_a_at	---	-0.46587	4.441807	-6.44495	5.26E-10	7.03E-09	12.26262
TIFA	226117_PM_at	1.6	0.7	2.0E-11	214311_PM_at	ZFPL1	-0.46604	4.811973	-5.51688	8.05E-08	6.54E-07	7.394174
JUNB	201473_PM_at	1.6	0.7	3.5E-10	223296_PM_at	SLC25A33	-0.4662	8.359226	-6.02058	5.62E-09	6.02E-08	9.96488
INPP4B	205376_PM_at	1.6	0.7	4.2E-08	218212_PM_s_at	MOC52	-0.46643	8.756492	-7.48107	1.03E-12	2.41E-11	18.33585
AGR3	228241_PM_at	1.6	0.7	3.6E-05	203515_PM_s_at	PMVK	-0.4667	8.149446	-5.20416	3.85E-07	2.66E-06	5.888204
TAP2	204769_PM_s_at	1.6	0.7	1.2E-06	225401_PM_at	C1orf85	-0.46682	8.250397	-5.29229	2.49E-07	1.81E-06	6.305432
LOC96610	224342_PM_x_at	1.6	0.7	3.1E-07	204100_PM_at	THRA	-0.46688	4.863171	-6.32387	1.05E-09	1.31E-08	11.59519
MBOAT1	227379_PM_at	1.6	0.7	1.0E-07	209366_PM_x_at	CY85A	-0.46725	12.11473	-5.80324	1.81E-08	1.71E-07	8.834235
GIMAP1	236401_PM_at	1.6	0.7	2.4E-08	229840_PM_at	IQSEC2	-0.46732	4.325015	-6.02576	5.47E-09	5.87E-08	9.992199
HIST2H2AAA /// HIST2H2AAA	214290_PM_s_at	1.6	0.7	4.5E-08	223649_PM_s_at	SLC25A39	-0.46904	8.653265	-5.08421	6.89E-07	4.51E-06	5.329587
APOBEC3A	210873_PM_x_at	1.6	0.7	7.1E-05	205194_PM_at	PSPH	-0.4701	7.848353	-5.53122	7.48E-08	6.13E-07	7.464917
ADORA3	206171_PM_at	1.6	0.7	1.9E-06	244126_PM_at	PEX1G	-0.4703	6.452831	-5.89213	1.13E-08	1.12E-07	9.292771
EFHD2	217992_PM_s_at	1.6	0.7	1.5E-08	241687_PM_at	---	-0.47039	5.210326	-6.23433	1.73E-09	2.07E-08	11.10765
GIT2	204982_PM_at	1.6	0.7	6.0E-09	217988_PM_at	CCNB1P1	-0.4707	9.261289	-7.28212	3.57E-12	7.58E-11	17.12181
DCLRE1C	219678_PM_x_at	1.6	0.7	7.0E-11	229909_PM_at	B4GALNT3	-0.47081	4.79745	-5.50864	8.40E-08	6.79E-07	7.353578
SPCS3	218817_PM_at	1.6	0.7	2.7E-08	224798_PM_s_at	C15orf17	-0.47097	5.57205	-5.23654	3.28E-07	2.31E-06	6.040862
CDC42SE2	224709_PM_s_at	1.6	0.7	6.4E-07	233881_PM_s_at	TOLLIP	-0.47113	9.934905	-6.12874	3.11E-09	3.53E-08	10.53935
CDC20	202870_PM_s_at	1.6	0.7	2.0E-06	203647_PM_s_at	FDX1	-0.47173	10.0418	-5.841	1.48E-08	1.43E-07	9.028367
MAN2B1	209166_PM_s_at	1.6	0.7	7.5E-09	203166_PM_at	CFDP1	-0.47259	10.16783	-7.66588	3.17E-13	8.37E-12	19.48268
PNOC	205901_PM_at	1.6	0.7	6.6E-05	240318_PM_at	AFMID	-0.47357	4.452672	-5.78655	1.98E-08	1.85E-07	8.748731
RHOQ	203175_PM_at	1.6	0.7	2.0E-08	226644_PM_at	MIB2	-0.4743	7.225866	-6.00252	6.21E-09	6.58E-08	9.869695
LILRB4	210152_PM_at	1.6	0.7	2.1E-06	217860_PM_at	LOC732160 /// NDUFA10	-0.47457	9.490488	-5.66806	3.69E-08	3.24E-07	8.147269
RNF144B	228153_PM_at	1.6	0.7	4.3E-07	1556937_PM_at	---	-0.47574	4.882414	-5.5266	7.66E-08	6.26E-07	7.442069
PECAM1	208981_PM_at	1.6	0.7	5.7E-07	213610_PM_s_at	KLHL23	-0.47626	6.008576	-5.32102	2.16E-07	1.59E-06	6.442679
CTSC	201487_PM_at	1.6	0.7	1.0E-06	207201_PM_s_at	SLC22A1	-0.47628	4.445676	-5.91706	9.85E-09	9.92E-08	9.422364
PLDIM1	208690_PM_s_at	1.6	0.7	2.7E-12	223964_PM_x_at	---	-0.47753	7.713344	-6.17711	2.38E-09	2.76E-08	10.79876
SPAG4	219888_PM_at	1.6	0.7	1.3E-05	39817_PM_s_at	G6orf108	-0.47833	9.95593	-5.32254	2.15E-07	1.56E-06	6.449954
FAM20A	226804_PM_at	1.6	0.7	2.2E-06	218170_PM_at	ISOC1	-0.47859	8.822594	-7.08621	1.19E-11	2.28E-10	15.94787
CXCR6	206974_PM_at	1.6	0.7	5.6E-07	236845_PM_at	TRIM62	-0.47874	4.335823	-5.31889	2.19E-07	1.61E-06	6.432474
CBR3	205379_PM_at	1.6	0.7	2.1E-07	228380_PM_at	SEN2P	-0.47887	6.300779	-5.01274	9.70E-07	6.13E-06	5.001877
PLA2G4A	210145_PM_at	1.6	0.7	3.2E-06	229126_PM_at	TMMEN19	-0.47903	9.42611	-8.15118	1.34E-14	4.57E-13	22.57771
CCL13	206407_PM_s_at	1.6	0.7	4.7E-07	225274_PM_at	PCYOX1	-0.47903	10.81584	-6.48426	4.20E-10	5.73E-09	12.48132
CTLA4	221331_PM_x_at	1.6	0.7	2.1E-07	231047_PM_at	---	-0.47961	5.973611	-5.8089	1.76E-08	1.67E-07	8.863244
ADRB2	206170_PM_at	1.6	0.7	9.9E-10	229382_PM_at	C1orf183	-0.4799	4.822943	-5.92423	9.48E-09	9.59E-08	9.459706
HHEX	204689_PM_at	1.6	0.7	1.8E-07	229668_PM_at	---	-0.48013	5.967787	-6.18857	2.23E-09	2.61E-08	10.86407
SLC15A3	219593_PM_at	1.6	0.7	1.9E-07	224676_PM_at	TMED4	-0.48057	9.367918	-5.47313	1.01E-07	7.98E-07	7.179248
CLU	208791_PM_at	1.6	0.7	5.4E-07	243445_PM_at	BNC2	-0.48061	4.578084	-5.26933	2.79E-07	2.01E-06	6.196202
HTR2B	206638_PM_at	1.6	0.7	5.4E-05	218285_PM_s_at	BDH2	-0.48078	11.77387	-6.77734	7.60E-11	1.22E-09	14.14194
CRLR2	211434_PM_s_at	1.6	0.7	5.0E-07	214755_PM_at	UAP1L1	-0.48109	4.795695	-5.81579	1.69E-08	1.61E-07	8.898654
CD302	203799_PM_at	1.7	0.7	1.3E-10	226629_PM_at	SLC43A2	-0.48111	6.869122	-6.33213	9.98E-10	1.25E-08	11.64043
PIGR	204213_PM_at	1.7	0.7	2.0E-06	239643_PM_at	---	-0.48121	4.879215	-4.99369	1.06E-06	6.65E-06	4.915148
TRANK1	213261_PM_at	1.7	0.7	7.5E-09	231710_PM_at	CAPS	-0.48127	4.884452	-5.06742	7.47E-07	4.85E-06	5.252267
FIL1	204236_PM_at	1.7	0.7	8.2E-08	230645_PM_at	FRMD3	-0.48141	8.956984	-5.03252	8.82E-07	5.63E-06	5.092195
C17orf62	218130_PM_at	1.7	0.7	1.6E-10	237063_PM_at	---	-0.48147	4.174429	-7.39163	1.80E-12	4.05E-11	17.78737
EMR2	207610_PM_s_at	1.7	0.7	1.3E-11	204253_PM_s_at	VDR	-0.48187	5.089019	-5.31747	2.00E-07	1.62E-06	6.425694
PMCH	206942_PM_s_at	1.7	0.7	1.4E-05	229031_PM_at	---	-0.48214	6.738155	-5.93185	9.92E-09	9.23E-08	9.499448
C19orf66	218429_PM_s_at	1.7	0.7	1.5E-11	208666_PM_s_at	ST13	-0.48219	9.212863	-7.65252	3.46E-13	9.01E-12	19.3992
CDC42SE1	218157_PM_x_at	1.7	0.7	1.0E-13	244011_PM_at	PPM1K	-0.48229	6.48521	-6.70648	1.15E-10	1.78E-09	13.73564
NUSAP1	218039_PM_at	1.7	0.7	4.6E-06	215247_PM_at	LOC440895	-0.48253	4.939341	-5.45775	1.09E-07	8.55E-07	7.104019
ELK3	221773_PM_at	1.7	0.7	5.2E-12	226388_PM_at	TCEA3	-0.48308	10.07299	-5.99901	6.33E-09	6.69E-08	9.851227
BATF2	228439_PM_at	1.7	0.7	2.3E-05	219945_PM_at	DDX25	-0.48348	4.236045	-6.74007	9.48E-11	1.49E-09	13.92788
PLEKHF1	219566_PM_at	1.7	0.7	1.3E-08	201570_PM_s_at	SAMM50	-0.48448	9.545658	-7.48758	9.86E-13	2.32E-11	18.37596
G6orf72	208809_PM_s_at	1.7	0.7	2.7E-03	228971_PM_at	---	-0.48495	9.003731	-5.88164	1.19E-08	1.18E-07	9.238394
CDC47L	225081_PM_s_at	1.7	0.7	2.1E-08	222771_PM_s_at	MRPL35	-0.48517	7.111697	-6.54178	3.01E-10	4.02E-09	12.80305
PKRCH	206099_PM_at	1.7	0.7	5.5E-08	234936_PM_s_at	CC2D2A	-0.48561	7.519109	-6.06573	4.39E-09	4.82E-08	10.20376
NPC1	202679_PM_at	1.7	0.7	8.6E-10	234092_PM_s_at	TM6SF2	-0.48561	4.344753	-5.13192	5.47E-07	3.17E-06	5.550488
FAM78A	227002_PM_at	1.7	0.7	2.5E-09	228240_PM_at	---	-0.4857	8.231882	-6.50001	3.83E-10	5.29E-09	12.56924
TUBA1A	209118_PM_s_at	1.7	0.7	2.8E-11	244057_PM_s_at	C10orf72	-0.48572	6.558242	-5.48106	9.66E-08	7.70E-07	7.218088
LAT2	211768_PM_at	1.7	0.7	6.4E-11	201135_PM_at	ECHS1	-0.48575	11.8622	-5.81676	1.68E-08	1.60E-07	8.903619
CDH3	203256_PM_at	1.7	0.7	5.8E-08	213133_PM_s_at	GCSH /// LOC100329108	-0.4859	10.10378	-5.2219	3.53E-07	2.46E-06	5.971729
TIMD4	1552280_PM_at	1.7	0.7	2.9E-06	208336_PM_s_at	TECR	-0.48615	9.196492	-6.33399	9.88E-10	1.24E-08	11.65604
MDFC1	211675_PM_s_at	1.7	0.7	1.8E-05	218225_PM_at	ECST	-0.48629	7.487424	-6.15889	2.63E-09	3.03E-08	10.70089
CX3CR1	205898_PM_at	1.7	0.7	4.7E-09	239772_PM_x_at	DHX30	-0.48675	5.719469	-5.97118	7.36E-09	7.64E-08	9.705606
DENND2D	221081_PM_s_at	1.7	0.7	2.8E-07	203793_PM_x_at	PCGF2	-0.48678	6.045609	-5.36585	1.73E-07	1.30E-06	6.658205
GAS5	224741_PM_x_at	1.7	0.7	5.9E-14	227678_PM_at	XRC6BP1	-0.48695	7.235071	-5.84229	1.47E-08	1.42E-07	9.035014
RSAD2	213797_PM_at	1.7	0.7	5.4E-05	221675_PM_s_at	CHPT1	-0.48721	10.42196	-6.98452	2.20E-11	4.01E-10	15.34712
ELMO1	204513_PM_s_at	1.7	0.7	4.8E-08	220182_PM_at	SLC25A23	-0.48812	4.993756	-5.907	1.04E-10	1.04E-07	9.370022
HAVCR1	207052_PM_at	1.7	0.7	5.8E-07	205993_PM_s_at	TBX2	-0.4883	5.399672	-6.21604	1.92E-09	2.27E-08	11.00866
PIM2	204269_PM_at	1.7	0.7	2.1E-05	1565661_PM_x_at	FUT6	-0.48895	4.072904	-5.48779	9.34E-08	7.47E-07	7.251118
RSPO3	228186_PM_s_at	1.7	0.7	1.7E-04	229381_PM_at	C1orf64	-0.48916	4.593125	-6.44421	5.28E-10	7.05E-09	12.25854
IRF9	203882_PM_at	1.7	0.7	2.9E-11	243565_PM_at	CCDC150	-0.48918	5.362129	-5.06593	7.52E-07	4.88E-06	5.245397
DOK3	220320_PM_at	1.7	0.7	2.4E-10	213792_PM_s_at	INSR	-0.4892	9.914803	-5			

HLA-G	210514_PM_x_at	1.7	0.8	9.3E-10	211576_PM_s_at	SLC19A1	-0.49556	5.470476	-4.99643	1.05E-06	6.57E-06	4.927618
C2	203052_PM_at	1.7	0.8	6.3E-08	235658_PM_at	---	-0.49617	6.656499	-5.22242	7.82E-08	6.37E-07	7.421473
IL18	206295_PM_at	1.7	0.8	2.2E-07	242657_PM_at	---	-0.49622	5.420659	-5.0287	8.99E-07	5.73E-06	5.074733
OGFR11	219582_PM_at	1.7	0.8	1.5E-11	222743_PM_s_at	C11orf71	-0.49635	7.728452	-5.91444	9.99E-09	1.00E-07	9.408743
HP /// HPR	208470_PM_s_at	1.7	0.8	3.9E-04	204893_PM_s_at	ZFYVE9	-0.49662	6.2777	-6.50888	3.64E-10	5.06E-09	12.61878
PREX1	224925_PM_at	1.7	0.8	9.1E-09	229955_PM_at	FBXO3	-0.49692	5.851077	-5.81697	1.68E-08	1.60E-07	8.90469
C15orf48	223484_PM_at	1.7	0.8	1.5E-04	201432_PM_at	CAT	-0.49737	11.55757	-5.54737	6.89E-08	5.70E-07	7.544732
IFITM2	201315_PM_x_at	1.7	0.8	4.0E-18	237172_PM_at	---	-0.4976	4.776615	-6.21861	1.89E-09	2.24E-08	11.02259
P2RY12	224102_PM_at	1.7	0.8	3.3E-08	205353_PM_s_at	PEBP1	-0.49801	11.99378	-8.30086	4.92E-15	1.84E-13	23.55556
BOD1L	225821_PM_s_at	1.7	0.8	2.1E-07	206539_PM_s_at	CYP4F12	-0.49824	5.40626	-5.94303	8.57E-09	8.74E-08	9.557804
PP1LA /// ZC3H12D	1559263_PM_s_at	1.7	0.8	1.7E-05	218546_PM_at	C1orf115	-0.49847	9.924606	-6.5724	2.52E-10	3.64E-09	12.97518
MICAL2	212472_PM_at	1.7	0.8	7.0E-09	235046_PM_at	LOC100289641	-0.49855	5.287191	-5.20018	3.93E-07	2.71E-06	5.869519
INPP5D	203331_PM_s_at	1.7	0.8	3.4E-09	226978_PM_at	PPARA	-0.49882	9.358613	-6.39148	7.13E-10	9.24E-09	11.96672
SMCHD1	212569_PM_at	1.7	0.8	2.3E-07	234312_PM_s_at	ACSS2	-0.49895	8.941589	-5.71362	2.91E-08	2.62E-07	8.377369
KIF21B	204411_PM_at	1.7	0.8	1.1E-08	214532_PM_x_at	POU5F1B	-0.49908	6.145689	-7.23774	4.70E-12	9.69E-11	16.85399
FAS	204780_PM_s_at	1.7	0.8	3.2E-06	216903_PM_s_at	CBARA1	-0.49908	9.018399	-6.40522	6.60E-10	8.61E-09	12.04262
IFI27	202411_PM_at	1.7	0.8	1.5E-08	225804_PM_at	CYB5D	-0.49969	8.866343	-7.03321	1.64E-11	3.05E-10	15.63406
SLCO3A1	210542_PM_s_at	1.7	0.8	4.5E-09	225143_PM_at	SFXN4	-0.49978	8.228473	-5.6597	3.85E-08	3.37E-07	8.105219
ATP2A3	207522_PM_s_at	1.7	0.8	1.4E-06	235848_PM_x_at	---	-0.50035	6.437965	-5.14996	5.01E-07	3.39E-06	5.634483
LOXL1	203570_PM_at	1.7	0.8	1.9E-09	223960_PM_s_at	C16orf5	-0.50037	8.605576	-5.39956	1.46E-07	1.12E-06	6.820905
TESC	218872_PM_at	1.7	0.8	6.0E-09	221624_PM_at	TC6	-0.50119	4.559077	-7.48661	9.92E-13	2.33E-11	18.36997
MCL1	200796_PM_s_at	1.7	0.8	1.1E-07	215695_PM_s_at	GYG2	-0.50125	4.999802	-5.97475	7.22E-09	7.52E-08	9.723825
RELB	205205_PM_at	1.7	0.8	4.8E-10	205233_PM_s_at	PAFAH2	-0.50138	5.68041	-5.9289	9.24E-09	9.36E-08	9.484062
PCSK5	205559_PM_s_at	1.7	0.8	1.3E-08	202700_PM_s_at	TMEM63A	-0.50202	6.670045	-5.07355	7.19E-07	4.69E-06	5.288755
HLA-DRB6	217362_PM_x_at	1.7	0.8	5.8E-11	212915_PM_at	PDRN3	-0.50284	8.20374	-6.64693	1.64E-10	2.46E-09	13.39654
ANXA2P2	208816_PM_x_at	1.7	0.8	1.2E-12	201900_PM_s_at	AKR1A1	-0.50287	11.84867	-6.33201	9.99E-10	1.25E-08	11.63978
SELP1G	209879_PM_at	1.7	0.8	1.2E-09	211600_PM_at	PTPRO	-0.50296	12.2094	-8.23731	7.54E-15	2.71E-13	23.13905
ANXA1	201012_PM_at	1.7	0.8	9.2E-12	205665_PM_at	TSPAN9	-0.50311	4.684426	-7.13871	8.63E-12	1.69E-10	16.26036
OSMR	205729_PM_at	1.7	0.8	6.2E-10	214331_PM_at	TSFM	-0.50352	6.467389	-5.01021	9.81E-07	6.20E-06	4.990312
RASAL3	228677_PM_s_at	1.7	0.8	2.5E-06	230965_PM_at	USP2	-0.50363	4.045792	-8.14903	1.36E-14	4.62E-13	22.56369
CFH	213800_PM_at	1.7	0.8	2.2E-06	221981_PM_s_at	WDR59	-0.50368	5.829452	-6.16666	2.52E-09	2.91E-08	10.74261
CALHM2	221565_PM_s_at	1.7	0.8	7.8E-09	223441_PM_at	SLC17A5	-0.50395	9.386416	-6.87772	4.19E-11	7.17E-10	14.72272
DNMT1	201697_PM_s_at	1.7	0.8	1.0E-11	226041_PM_at	NAPEPLD	-0.5043	8.775215	-6.59696	2.19E-10	3.20E-09	13.11366
PILRA	219788_PM_at	1.7	0.8	1.2E-08	228047_PM_s_at	ACAD8	-0.50437	8.693527	-5.69977	3.12E-08	2.80E-07	8.307287
IDG	204493_PM_at	1.7	0.8	9.3E-10	203498_PM_at	RCAN2	-0.50501	8.80224	-4.96225	1.23E-06	7.60E-06	4.772627
ITGAX	210184_PM_at	1.7	0.8	2.4E-07	1553583_PM_a_at	THRSP	-0.50539	4.72414	-5.29383	2.48E-07	1.80E-06	6.312782
KLF6	200890_PM_s_at	1.7	0.8	3.8E-08	204547_PM_at	RAB40B	-0.50542	8.995435	-7.75523	1.79E-13	4.99E-12	20.04356
SNHG12	223773_PM_s_at	1.7	0.8	4.5E-11	209710_PM_at	GATA2	-0.50559	7.892675	-5.09908	6.41E-07	4.23E-06	5.398285
C1orf192	231077_PM_at	1.7	0.8	7.8E-08	238089_PM_at	MLN2C1	-0.50566	5.74346	-5.60891	5.01E-08	4.28E-07	7.850689
KCNK6	223658_PM_at	1.7	0.8	5.5E-09	1557126_PM_a_at	PLD1	-0.50586	4.573116	-5.2906	2.52E-07	1.82E-06	6.297367
CENPK	222848_PM_at	1.7	0.8	7.7E-09	205225_PM_at	ESR1	-0.50604	7.021376	-5.38348	1.58E-07	1.20E-06	6.743111
APCDD1	225016_PM_at	1.7	0.8	1.1E-06	224035_PM_s_at	BCL2L13	-0.50614	4.709818	-6.34029	9.53E-10	1.20E-09	11.68513
MS4A4	229510_PM_at	1.7	0.8	9.0E-09	207871_PM_s_at	ST7	-0.50621	8.411904	-6.73864	9.56E-11	1.50E-09	13.91971
CD160	207840_PM_at	1.7	0.8	6.2E-11	219718_PM_at	FGGY	-0.50624	7.347601	-5.72149	2.79E-08	2.52E-07	8.417263
IFNAR2	204785_PM_x_at	1.7	0.8	1.9E-14	228557_PM_at	L3MBTL4	-0.50672	6.865237	-5.1636	4.69E-07	3.19E-06	5.698142
ESCO1	226866_PM_at	1.7	0.8	4.6E-06	1558693_PM_s_at	C1orf85	-0.50721	8.067956	-5.27305	2.74E-07	1.97E-06	6.213849
CHST15	230366_PM_at	1.7	0.8	5.9E-10	227960_PM_s_at	FAHD1	-0.50734	9.971461	-5.51718	8.04E-08	6.53E-07	7.395652
VWF	202112_PM_at	1.7	0.8	2.7E-09	205093_PM_at	PLEKHA6	-0.50747	5.665567	-5.3217	2.16E-07	1.59E-06	6.445918
TMEM87B	225411_PM_at	1.7	0.8	1.2E-12	208973_PM_at	ER13	-0.50764	5.385718	-5.49551	8.98E-08	7.21E-07	7.289004
CDV3	212010_PM_s_at	1.7	0.8	7.5E-08	216762_PM_at	KANK1	-0.50766	5.522117	-5.70537	3.03E-08	2.73E-07	8.335626
HN1	217755_PM_at	1.7	0.8	3.9E-11	221240_PM_at	B3GN74	-0.50778	5.55019	-5.9012	1.07E-08	1.07E-07	9.339902
LOC153684	232645_PM_at	1.7	0.8	1.7E-08	224821_PM_at	ABHD14B	-0.50797	8.632968	-5.03921	8.55E-07	5.48E-06	5.122778
COL5A2	221729_PM_at	1.7	0.8	2.7E-04	242705_PM_x_at	LOC100289219	-0.50809	8.361423	-5.12464	5.67E-07	3.79E-06	5.516712
ETV6	205585_PM_at	1.7	0.8	4.6E-11	213714_PM_at	CACNB2	-0.5089	4.783585	-5.11688	5.89E-07	3.92E-06	5.48067
LOC150759	213703_PM_at	1.7	0.8	1.3E-04	218455_PM_at	NFS1	-0.50935	6.876779	-6.42329	5.95E-10	7.84E-09	12.14255
JUN	201464_PM_x_at	1.7	0.8	3.5E-10	229535_PM_at	PTPMT1	-0.50962	6.314174	-6.89255	3.83E-11	6.64E-10	14.80901
SH3BGRL3	221269_PM_s_at	1.7	0.8	7.2E-09	217606_PM_at	---	-0.50998	5.330536	-6.76754	8.06E-11	1.29E-09	14.08559
CSGALNACT2 /// LOC644504	222235_PM_s_at	1.7	0.8	1.9E-07	200827_PM_at	PLD1	-0.51116	8.004017	-6.69951	1.20E-10	1.85E-09	13.69585
PLCB4	203895_PM_at	1.7	0.8	7.3E-07	228796_PM_at	CPNE4	-0.51141	3.815245	-4.99661	8.93E-08	7.17E-07	7.294403
FRG1B	234949_PM_at	1.7	0.8	1.4E-05	226745_PM_at	CYP4V2	-0.51142	9.095384	-4.9829	1.12E-06	6.96E-06	4.866153
CRIP1	205081_PM_at	1.7	0.8	7.9E-07	233350_PM_s_at	TEX624	-0.51179	7.668771	-5.68703	3.34E-08	2.97E-07	8.242912
SOCS3	206359_PM_at	1.7	0.8	4.0E-08	36742_PM_at	TRIM15	-0.51206	6.156852	-5.22631	3.45E-07	2.42E-06	5.992526
C1orf186	230381_PM_at	1.7	0.8	6.1E-06	218744_PM_s_at	PAC3IN3	-0.51236	4.947348	-5.75932	2.28E-08	2.11E-07	8.609651
HVCN1	226879_PM_at	1.7	0.8	2.1E-09	229824_PM_at	---	-0.51239	4.300046	-6.02144	5.60E-09	6.00E-08	9.969429
KDM2B	226215_PM_s_at	1.7	0.8	9.1E-12	239711_PM_at	ADAL	-0.51269	5.327779	-5.10729	6.16E-07	4.08E-06	5.436243
BTNA31	207485_PM_x_at	1.7	0.8	1.3E-09	227841_PM_at	CEMP1	-0.51299	6.469497	-5.77917	2.06E-08	1.92E-07	8.710984
C4orf7	229152_PM_at	1.7	0.8	8.8E-04	1569290_PM_s_at	GRIA3	-0.51342	3.939196	-5.19258	4.07E-07	2.80E-06	5.833846
ZNF267	219540_PM_at	1.7	0.8	9.2E-13	202242_PM_at	TSPAN7	-0.514	8.719723	-5.99129	6.60E-09	6.95E-08	9.810627
DPEP2	219452_PM_at	1.7	0.8	5.2E-09	238027_PM_at	SPATA24	-0.51408	5.739597	-5.75681	2.31E-08	2.13E-07	8.596866
SYT11	209197_PM_at	1.7	0.8	8.1E-15	203930_PM_s_at	MAPT	-0.51426	3.660093	-7.27158	3.81E-12	8.03E-11	17.05814
CLEC4E	219859_PM_at	1.7	0.8	7.7E-12	224003_PM_at	TTTY14	-0.51432	4.750531	-5.09816	6.44E-07	4.24E-06	5.394036
SAMD9	219691_PM_at	1.7	0.8	1.2E-10	216638_PM_s_at	PLRL	-0.51448	3.94056	-6.44246	5.33E-10	7.11E-09	12.24882
BATF3	220358_PM_at	1.7	0.8	4.5E-09	1554522_PM_at	CNNM2	-0.51463	4.251703	-6.79599	6.81E-11	1.11E-09	14.24944
EMP3	203729_PM_at	1.7	0.8	4.8E-08	235402_PM_at	C11orf66	-0.51513	4.182175	-6.25832	1.51E-09	1.83E-08	11.23775
RASGEF1A	230563_PM_at	1.7	0.8	2.4E-08	242327_PM_x_at	---	-0.5155	4.887889	-6.5702	2.56E-10	3.69E-09	12.96279
ASNS	205047_PM_s_at	1.7	0.8	1.3E-08	242488_PM_at	---	-0.51565	4.683113	-6.51534	3.51E-10	4.90E-09	12.65493
CD19	206398_PM_s_at	1.7	0.8	5.6E-07	211033_PM_s_at	PEX7	-0.51598	7.794174	-5.60961	5.00E-08	4.27E-07	7.854184
VPS13C	218396_PM_at	1.7	0.8	2.0E-08	1554514_PM_at	ACSM5	-0.51623	4.93634	-5.79382	1.90E-08	1.79E-07	8.785942
ZNF107	205739_PM_x_at	1.7	0.8	2.9E-10	203116_PM_s_at	FECH	-0.5163	6.668961	-5.46491	1.05E-07	8.248E-07	7.139021
TES	202719_PM_s_at	1.7	0.8	3.7E-07	210515_PM_at	HNF1A	-0.51664	7.311598	-5.23139	3.37E-07	2.36E-06	6.016503
CR1 /// CR1L	239205_PM_s_at	1.7	0.8	4.3E-06	223459_PM_s_at	C1orf56	-0.51708	6.066976	-5.51542	8.11E-08	6.59E-07	7.386987
SULF1	2123											

ODF3B	235257_PM_at	1.8	0.8	1.5E-13	1553222_PM_at	OXER1	-0.52596	5.359261	-6.77034	7.93E-11	1.27E-09	14.10172
CDKN3	209714_PM_s_at	1.8	0.8	1.0E-05	201006_PM_at	PRDX2	-0.52608	8.216995	-6.23165	1.76E-09	2.10E-08	11.09313
VOPP1	208091_PM_s_at	1.8	0.8	3.5E-16	239653_PM_at	---	-0.52639	5.114021	-4.98578	1.10E-06	6.88E-06	4.879203
MYO1G	227799_PM_at	1.8	0.8	2.5E-10	221838_PM_at	KLHL22	-0.52662	5.526823	-5.23177	3.36E-07	2.36E-06	6.018303
SPOP1	209436_PM_at	1.8	0.8	6.0E-07	224728_PM_at	ATPAF1	-0.52687	8.307322	-8.44765	1.83E-15	7.34E-14	24.52466
IL12RB1	239522_PM_at	1.8	0.8	9.8E-10	223986_PM_x_at	DMRT2	-0.52698	5.111977	-4.98858	1.09E-06	6.79E-06	4.891956
BCL11A	210347_PM_s_at	1.8	0.8	1.1E-07	236148_PM_at	---	-0.52703	4.453612	-6.7214	1.06E-10	1.65E-09	13.82098
RND3	212724_PM_at	1.8	0.8	7.0E-11	1553775_PM_at	FUJ31715	-0.52805	4.805393	-6.34262	9.41E-10	1.19E-08	11.69795
GAPT	1552386_PM_at	1.8	0.8	3.0E-07	224435_PM_at	C10orf58	-0.52816	9.995012	-5.02037	9.35E-07	5.93E-06	5.036677
LAT /// SPNS1	209881_PM_s_at	1.8	0.8	8.8E-09	230284_PM_at	MYOM3	-0.52845	4.275893	-5.71568	2.87E-08	2.60E-07	8.387807
ITGA4	205884_PM_at	1.8	0.8	1.2E-07	207705_PM_s_at	NINL	-0.52858	8.93425	-5.52678	7.65E-08	6.26E-07	7.443005
TRIM59	227801_PM_at	1.8	0.8	9.5E-10	221262_PM_s_at	SLC2A11	-0.52873	5.438569	-5.57123	6.09E-08	5.51E-07	7.663036
NINJ2	219594_PM_at	1.8	0.8	1.5E-06	219246_PM_s_at	OGFOD2	-0.52906	5.779237	-7.21238	5.49E-12	1.11E-10	16.70145
FHL2	202949_PM_s_at	1.8	0.8	5.1E-11	221845_PM_s_at	CLPB	-0.52933	5.978409	-5.15092	4.99E-07	3.38E-06	5.638962
FAM49A	208092_PM_s_at	1.8	0.8	4.8E-08	32091_PM_at	SLC25A44	-0.52971	9.378458	-6.64159	1.69E-10	2.53E-09	13.36624
GMP1	218913_PM_s_at	1.8	0.8	5.9E-10	221054_PM_s_at	TC16	-0.52984	8.147464	-6.87008	4.38E-11	7.47E-10	14.67831
C10orf128	228372_PM_at	1.8	0.8	1.7E-07	226625_PM_at	TGFBF3	-0.53035	9.804099	-7.69055	2.71E-13	7.27E-12	19.63712
UHRF1	225655_PM_at	1.8	0.8	8.6E-08	207142_PM_at	KCNJ3	-0.53037	4.005055	-6.88422	4.03E-11	6.95E-10	14.76052
C1RL	218983_PM_at	1.8	0.8	2.5E-17	203643_PM_at	ERF	-0.53057	6.877674	-6.15905	2.63E-09	3.03E-08	10.71075
IL8	202859_PM_x_at	1.8	0.8	3.9E-09	228831_PM_s_at	GN7G	-0.53007	6.651428	-5.35854	1.79E-07	1.35E-06	6.622808
PLSCR1	202430_PM_s_at	1.8	0.8	4.2E-11	230912_PM_at	ASPDH	-0.53088	5.92488	-5.57114	6.09E-08	5.11E-07	7.6621
C6orf204	228007_PM_at	1.8	0.8	9.0E-09	226767_PM_s_at	FAHD1	-0.53103	9.504792	-5.30597	2.33E-07	1.70E-06	6.370724
ZAP70	214032_PM_at	1.8	0.8	5.4E-08	1552549_PM_s_at	BSND	-0.53172	5.442451	-5.64833	4.09E-08	3.56E-07	8.048062
HS3ST1	205465_PM_x_at	1.8	0.8	5.0E-13	203433_PM_at	MTFHS	-0.53178	9.415211	-5.57207	6.06E-08	5.09E-07	7.66725
PXDN	212012_PM_at	1.8	0.8	3.9E-09	227094_PM_at	DHTKD1	-0.53202	10.00403	-5.28134	2.63E-07	1.90E-06	6.253272
CSF2RA	207085_PM_x_at	1.8	0.9	3.3E-08	235047_PM_x_at	NACC1	-0.53221	5.682793	-5.00937	9.85E-07	6.22E-06	4.986489
GREM1	218468_PM_s_at	1.8	0.9	1.5E-04	242391_PM_at	---	-0.53272	4.391133	-6.88425	4.03E-11	6.95E-10	14.76072
PLA1A	219584_PM_at	1.8	0.9	9.9E-07	219165_PM_at	PDLIM2	-0.53315	8.285072	-6.82269	5.81E-11	9.62E-10	14.40362
S100A11	200660_PM_at	1.8	0.9	1.3E-12	205350_PM_at	CRABP1	-0.53316	4.437878	-5.66328	3.78E-08	3.32E-07	8.123244
ADCY7	203741_PM_s_at	1.8	0.9	7.4E-13	223094_PM_s_at	ANKH	-0.53405	4.958448	-6.87497	4.26E-11	7.27E-10	14.70674
ADAM19	209765_PM_at	1.8	0.9	2.7E-07	225922_PM_at	FNIP2	-0.53413	9.594669	-5.78551	2.29E-08	2.12E-07	8.605533
SRPX	204955_PM_at	1.8	0.9	3.3E-04	205420_PM_at	PEX7	-0.53483	7.193728	-6.12254	3.22E-09	3.64E-08	10.50624
S100A4	203186_PM_s_at	1.8	0.9	1.1E-07	57540_PM_at	RBKS	-0.5349	9.162079	-5.36094	1.77E-07	1.33E-06	6.634374
PTPN22	213136_PM_at	1.8	0.9	2.1E-13	238824_PM_at	---	-0.53491	6.242699	-5.78771	1.97E-08	1.84E-07	8.754679
C1S	208747_PM_s_at	1.8	0.9	5.1E-09	225881_PM_at	SLC35B4	-0.53523	8.145795	-7.25089	4.33E-12	9.03E-11	16.93328
SAA1 /// SAA2	208607_PM_s_at	1.8	0.9	5.9E-04	212946_PM_at	KIAA0564	-0.53531	9.519661	-7.30499	3.10E-12	6.68E-11	17.26029
LIF	205266_PM_at	1.8	0.9	9.2E-09	211685_PM_s_at	NCALD	-0.53544	7.614792	-7.15636	7.75E-12	1.53E-10	16.36574
HDAC9	205659_PM_at	1.8	0.9	3.3E-08	33494_PM_at	ETFDH	-0.53573	7.809793	-5.65432	3.96E-08	3.46E-07	8.078174
KCNIP4	224530_PM_s_at	1.8	0.9	8.5E-09	227669_PM_at	BRP44	-0.53592	8.931943	-7.27634	3.70E-12	7.84E-11	17.0869
AG2	227099_PM_s_at	1.8	0.9	2.7E-11	243651_PM_at	CPEB3	-0.53629	5.487098	-5.31067	2.28E-07	1.66E-06	6.393153
ELK4	206919_PM_at	1.8	0.9	7.5E-10	231867_PM_at	ODZ2	-0.53638	4.797365	-5.06256	7.64E-07	4.95E-06	5.229931
PYHIN1	216748_PM_at	1.8	0.9	1.3E-09	230727_PM_at	CISD3	-0.53662	6.467291	-5.26462	2.86E-07	2.05E-06	6.173812
KCNT2	234103_PM_at	1.8	0.9	1.2E-09	218494_PM_s_at	SLC2A4RG	-0.53685	9.081087	-5.79463	1.89E-08	1.78E-07	8.790088
CRISPDL2	221541_PM_at	1.8	0.9	3.5E-09	220260_PM_at	TBC1D19	-0.53691	7.138024	-6.19938	2.10E-09	2.47E-08	10.91872
LAX1	207734_PM_at	1.8	0.9	4.0E-06	216308_PM_x_at	GRHPR	-0.5371	10.42915	-5.78389	2.01E-08	1.88E-07	8.735119
CHI3L2	213060_PM_s_at	1.8	0.9	9.6E-07	207667_PM_s_at	MAP2K3	-0.53716	7.181647	-6.05386	4.69E-09	5.10E-08	10.14081
DCK	203302_PM_at	1.8	0.9	6.8E-14	239446_PM_x_at	DCBLD2	-0.53739	4.972026	-5.24814	3.10E-07	2.20E-06	6.095715
MARCKSL1	200644_PM_at	1.8	0.9	3.4E-14	231840_PM_x_at	LYRM7	-0.53758	5.698825	-5.49027	9.22E-08	7.38E-07	7.263265
ANXA3	209369_PM_at	1.8	0.9	7.6E-08	224514_PM_x_at	IL17RC	-0.53767	6.188858	-5.88201	1.19E-08	1.17E-07	9.240323
GIMAP6	219777_PM_at	1.8	0.9	1.5E-11	238866_PM_at	C19orf68	-0.53769	5.190462	-5.98389	6.87E-09	7.20E-08	9.771759
ASPDH2	227014_PM_at	1.8	0.9	5.8E-08	228738_PM_at	D2HGDH	-0.53792	7.597496	-5.11577	5.92E-07	3.93E-06	5.475543
TRAF1	205599_PM_at	1.8	0.9	2.8E-09	216230_PM_x_at	SMMPD1	-0.5384	4.9222	-5.27449	2.72E-07	1.96E-06	6.220709
RCN1	201063_PM_at	1.8	0.9	3.2E-16	209764_PM_at	MGA73	-0.53896	5.452547	-5.91357	1.00E-08	1.01E-07	9.404193
SERPINE1	202627_PM_s_at	1.8	0.9	6.4E-07	215427_PM_s_at	ZCCHC14	-0.53896	4.667746	-7.26134	4.06E-12	8.52E-11	16.9963
NFKBIE	203927_PM_at	1.8	0.9	1.9E-11	228880_PM_at	NAT8L	-0.53925	5.795944	-5.2203	3.56E-07	2.48E-06	5.964187
HRHS9	219799_PM_s_at	1.8	0.9	1.8E-07	219578_PM_s_at	CPEB1	-0.53949	4.853721	-5.80133	1.83E-08	1.73E-07	8.824427
ARRDC2	226055_PM_at	1.8	0.9	1.5E-13	220819_PM_at	FRMD1	-0.53951	5.056622	-6.11263	3.40E-09	3.81E-08	10.4533
NOD2	220066_PM_at	1.8	0.9	1.2E-09	232244_PM_at	KIAA1161	-0.54034	5.534414	-5.19772	3.97E-07	2.74E-06	5.857975
KIAA0101	202503_PM_s_at	1.8	0.9	4.1E-09	203759_PM_at	ST3GAL4	-0.54078	5.073318	-5.40103	1.45E-07	1.11E-06	6.828022
TM6SF1	219892_PM_at	1.8	0.9	2.1E-06	225993_PM_at	EAR52	-0.54119	5.665713	-6.92095	3.23E-11	5.68E-10	14.97463
MAP4K1	206296_PM_x_at	1.8	0.9	2.3E-08	221716_PM_s_at	ACSBG2	-0.54123	4.080531	-7.31822	2.85E-12	6.19E-11	17.3405
STEAP4	220187_PM_at	1.8	0.9	1.4E-08	221556_PM_s_at	RAB5C	-0.54128	6.639824	-6.4825	4.24E-10	5.78E-09	12.47154
LDLRAD3	234985_PM_at	1.8	0.9	1.8E-13	212231_PM_at	FBXO21	-0.5415	9.659093	-7.73102	2.09E-13	5.73E-12	19.8912
NFE2L3	204702_PM_s_at	1.8	0.9	2.4E-09	242245_PM_at	---	-0.5427	5.411269	-5.62534	4.60E-08	3.98E-07	7.932856
TM5810	217733_PM_s_at	1.8	0.9	1.4E-22	207761_PM_s_at	METT17A	-0.54291	11.95584	-8.48269	1.44E-15	5.87E-14	24.75751
FUJ32255	235291_PM_s_at	1.8	0.9	2.0E-08	219723_PM_x_at	AGPAT3	-0.54302	5.086719	-6.45376	5.00E-10	6.72E-09	12.31157
TREM2	219725_PM_at	1.8	0.9	1.9E-06	226239_PM_at	TMEM150A	-0.54311	7.836095	-5.34116	1.96E-07	1.45E-06	6.53923
VCAM1	203868_PM_s_at	1.8	0.9	7.2E-12	201425_PM_at	ALDH2	-0.5434	11.65604	-7.19727	6.03E-12	1.21E-10	16.61071
CLEC2D	220132_PM_s_at	1.8	0.9	2.1E-08	202502_PM_at	ACADM	-0.54373	11.33577	-7.56683	5.97E-13	1.47E-11	18.8658
MYOF	201798_PM_s_at	1.8	0.9	1.9E-06	214180_PM_at	MAN1C1	-0.54392	8.074139	-5.53469	7.35E-08	6.04E-07	7.482034
TLR7	220146_PM_at	1.8	0.9	4.5E-10	205715_PM_at	BST1	-0.54412	6.042958	-5.00172	1.02E-06	6.43E-06	4.951683
ALDH1A3	203180_PM_at	1.8	0.9	7.7E-06	238572_PM_at	STK16	-0.54445	5.321975	-6.63589	1.75E-10	9.61E-09	13.33393
RPS24	1555878_PM_at	1.8	0.9	1.2E-08	227193_PM_at	---	-0.54459	8.307309	-6.81712	6.01E-11	2.91E-10	14.37138
DOK2	214054_PM_at	1.8	0.9	6.1E-08	203264_PM_s_at	ARHGEP9	-0.54582	6.613541	-5.94961	8.27E-09	8.46E-08	9.592151
STK10	203047_PM_at	1.9	0.9	1.7E-11	237190_PM_at	---	-0.54614	4.541901	-8.115	1.70E-14	5.72E-13	22.34292
PLA2G7	206214_PM_at	1.9	0.9	2.2E-05	211630_PM_s_at	GSS	-0.54619	8.649477	-5.54804	6.86E-08	5.68E-07	7.548072
MYBL1	213906_PM_at	1.9	0.9	3.6E-09	230656_PM_s_at	CIRH1A	-0.54622	9.971894	-5.63206	4.45E-08	3.85E-07	7.966461
NAIP	204860_PM_s_at	1.9	0.9	4.5E-09	238171_PM_at	SLC25A30	-0.54631	5.012376	-6.38201	7.53E-10	9.71E-09	11.91452
VNN2	205922_PM_at	1.9	0.9	9.9E-07	227423_PM_at	LRRCD2	-0.54671	7.521265	-6.572	2.53E-10	3.65E-09	12.97296
C14orf106	206500_PM_s_at	1.9	0.9	8.7E-12	214832_PM_at	HNF4A	-0.54683	4.542332	-7.798	1.36E-13	3.85E-12	20.31353
PTPN22	206060_PM_s_at	1.9	0.9	2.2E-07	207088_PM_s_at	SLC25A11	-0.54731	9.20379	-5.33258	2.04E-07	1.51E-06	6.498077
CD40	205153_PM_s_at											

CAMK1D /// LOC283070	226382_PM_at	1.9	0.9	1.7E-09	203733_PM_at	DEXI	-0.55416	8.360954	-7.67517	2.99E-13	7.93E-12	19.54081
MX1	202086_PM_at	1.9	0.9	1.1E-07	215726_PM_s_at	CYB5A	-0.55473	11.88387	-6.06835	4.33E-09	4.76E-08	10.21765
S100A2	204268_PM_at	1.9	0.9	8.2E-06	204985_PM_s_at	TRAPP6CA	-0.55481	8.097165	-5.72241	2.77E-08	2.51E-07	8.421964
IL1B	205067_PM_at	1.9	0.9	1.2E-08	218394_PM_at	ROGD1	-0.55509	7.827118	-7.34873	2.36E-12	5.19E-11	17.52588
AKNA	225701_PM_at	1.9	0.9	1.0E-15	203193_PM_at	ESRRA	-0.55521	6.297592	-6.62323	1.88E-10	2.79E-09	13.26218
COL4A1	211980_PM_at	1.9	0.9	1.5E-11	208712_PM_at	CCND1	-0.55555	8.431031	-6.08967	3.85E-09	4.28E-08	10.33094
MAFB	218559_PM_s_at	1.9	0.9	2.9E-10	234003_PM_at	ENOX2	-0.55558	5.459703	-5.12153	5.75E-07	3.84E-06	5.502242
PTGS1	205128_PM_x_at	1.9	0.9	2.5E-07	237044_PM_s_at	C10orf41	-0.55615	5.515061	-5.67232	3.61E-08	3.18E-07	8.168719
COL5A1	203325_PM_s_at	1.9	0.9	4.0E-05	1553715_PM_s_at	FAM195A	-0.55709	9.105217	-5.22123	3.54E-07	2.47E-06	5.968573
IERS	218611_PM_at	1.9	0.9	3.8E-13	219713_PM_at	SHPK	-0.55768	7.613569	-5.47722	9.85E-08	7.83E-07	7.199286
PTPRE	221840_PM_at	1.9	0.9	9.6E-15	239933_PM_x_at	C14orf45	-0.55882	5.395152	-4.97343	1.17E-06	7.25E-06	4.823222
SMAP2	225282_PM_at	1.9	0.9	7.5E-10	43427_PM_at	ACACB	-0.55902	6.936912	-5.08678	6.80E-07	4.46E-06	5.341476
NCF1 /// NCF1B /// NCF1C	204961_PM_s_at	1.9	0.9	4.5E-08	239252_PM_at	COX7B	-0.55917	8.059735	-5.63785	4.31E-08	3.75E-07	7.995513
RASSF5	223322_PM_at	1.9	0.9	1.8E-13	1570454_PM_at	E1F4EBP2	-0.55923	3.773527	-7.6989	2.57E-13	6.78E-12	19.68948
CMY2	224733_PM_at	1.9	0.9	8.4E-14	226860_PM_at	TMEM19	-0.55926	9.154448	-7.11784	9.81E-12	1.90E-10	16.13593
CST6	206595_PM_at	1.9	0.9	6.0E-06	228168_PM_at	ATP5G3	-0.55949	8.473576	-6.4529	5.02E-10	6.75E-09	12.30681
CYS1L1	216288_PM_at	1.9	0.9	1.5E-08	223602_PM_at	USP30	-0.5595	9.913121	-6.45257	5.03E-10	6.76E-09	12.30497
DUSP5	209457_PM_at	1.9	0.9	1.6E-08	226540_PM_at	CCDC42B	-0.55959	5.770719	-6.27827	1.35E-09	1.65E-08	11.34626
EFCA4B4	228752_PM_at	1.9	0.9	3.5E-09	230714_PM_s_at	---	-0.55968	5.903688	-5.75751	2.31E-08	2.13E-07	8.600414
SH2D1A	211209_PM_x_at	1.9	0.9	1.6E-07	222923_PM_s_at	KCNE3	-0.55969	5.049607	-5.45807	1.09E-07	8.54E-07	7.105559
HIST1H2BK	209806_PM_at	1.9	0.9	1.1E-09	221609_PM_s_at	TACO1	-0.56005	8.437462	-7.29076	3.38E-12	7.22E-11	17.1741
GIMAP4	219243_PM_at	1.9	0.9	9.2E-11	202217_PM_at	C21orf33	-0.56048	10.78365	-7.52121	7.97E-13	1.91E-11	18.5834
GIMAP8	235306_PM_at	1.9	0.9	6.2E-10	232322_PM_x_at	STAR10	-0.5606	6.880677	-5.05405	7.96E-07	5.13E-06	5.190846
ST3GAL5	203217_PM_s_at	1.9	0.9	1.2E-11	1554677_PM_s_at	CMY2	-0.56119	4.360598	-7.85221	9.54E-14	2.81E-12	20.65703
SELE	206211_PM_at	1.9	0.9	4.7E-07	220176_PM_at	NUPBL	-0.5616	5.906015	-6.89003	3.89E-11	6.74E-10	14.79436
PARP9	227807_PM_at	1.9	0.9	3.9E-11	223268_PM_at	C11orf54	-0.56226	11.74277	-5.73437	2.60E-08	2.37E-07	8.482678
SH2B3	203320_PM_at	1.9	0.9	1.4E-13	230676_PM_s_at	TMEM19	-0.56242	5.331926	-5.86329	1.31E-08	1.29E-07	9.14306
C2CD4A	241031_PM_at	1.9	1.0	8.6E-08	239262_PM_at	---	-0.56248	8.066307	-5.70436	3.05E-08	2.74E-07	8.3305
GAB3	228410_PM_at	1.9	1.0	3.6E-11	226846_PM_at	PHYHD1	-0.56268	7.999782	-6.20725	2.01E-09	2.37E-08	10.96122
DOCK11	226875_PM_at	1.9	1.0	4.3E-16	213496_PM_at	LPPR4	-0.56332	4.031069	-5.36529	1.73E-07	1.31E-06	6.655317
EGR2	205249_PM_at	1.9	1.0	4.1E-08	217974_PM_at	TM7SF3	-0.56335	8.442389	-6.29711	1.22E-09	1.50E-08	11.44891
SLFN11	226743_PM_at	1.9	1.0	7.0E-09	225568_PM_at	TMEM141	-0.56337	7.917992	-5.68005	3.46E-08	3.07E-07	8.207678
ITGB6	208083_PM_s_at	1.9	1.0	3.0E-06	209409_PM_at	GRB10	-0.56355	9.589702	-7.05465	1.44E-11	2.70E-10	15.76081
HSD11B1	205404_PM_at	1.9	1.0	4.1E-06	205677_PM_s_at	DLEU1	-0.56385	7.944036	-6.31584	1.09E-09	1.36E-08	11.55128
LHFP2	212658_PM_at	2.0	1.0	2.4E-10	212950_PM_at	GRP116	-0.56459	10.29383	-5.79781	1.86E-08	1.76E-07	8.806364
CC120	205476_PM_at	2.0	1.0	3.1E-07	212836_PM_at	POLD3	-0.56478	8.50131	-7.09299	1.14E-11	2.18E-10	15.98813
CLDN1	218182_PM_s_at	2.0	1.0	1.1E-09	229251_PM_s_at	TPCND2	-0.56531	5.713144	-6.51812	3.46E-10	4.82E-09	12.67048
TYMP	204858_PM_s_at	2.0	1.0	1.5E-08	203557_PM_s_at	PCBD1	-0.56551	8.542104	-4.99893	1.04E-06	6.51E-06	4.938961
CYP1B1	202435_PM_s_at	2.0	1.0	1.7E-13	203093_PM_s_at	TMM44	-0.56587	8.39653	-6.42306	5.96E-10	7.85E-09	12.14127
DUSP2	204794_PM_at	2.0	1.0	8.9E-08	235050_PM_at	SLC2A12	-0.56591	4.100079	-7.3607	2.19E-12	4.85E-11	17.59876
WARS	200628_PM_s_at	2.0	1.0	1.0E-07	201310_PM_s_at	C5orf13	-0.56606	9.945021	-6.75944	8.45E-11	1.34E-09	14.03904
IF14	214059_PM_at	2.0	1.0	6.5E-07	203797_PM_at	VSNL1	-0.56608	5.261679	-5.26302	2.88E-07	2.06E-06	6.166215
FAM72A /// FAM72B /// FAM7	225834_PM_at	2.0	1.0	8.2E-09	1569234_PM_at	---	-0.56609	4.621576	-6.37263	7.94E-10	1.02E-08	11.86285
PRC1	218009_PM_s_at	2.0	1.0	6.5E-08	210131_PM_x_at	SDHC	-0.56636	9.841527	-6.59875	2.17E-10	3.17E-09	13.12375
CD9	206761_PM_at	2.0	1.0	7.3E-09	211448_PM_s_at	RG56	-0.56678	4.54326	-5.34602	1.91E-07	1.42E-06	6.562593
MARCKS	201668_PM_x_at	2.0	1.0	4.5E-09	240322_PM_at	---	-0.56694	4.242023	-6.94953	2.72E-11	4.86E-10	15.14182
PSTPIP1	211178_PM_s_at	2.0	1.0	9.1E-09	230044_PM_at	---	-0.56695	4.524242	-6.17842	2.36E-09	2.75E-08	10.80581
OLFML2B	213125_PM_at	2.0	1.0	1.1E-06	222866_PM_s_at	FLVCR2	-0.56704	5.971538	-5.37689	1.64E-07	1.24E-06	6.711285
SLAMF6	1552497_PM_a_at	2.0	1.0	8.9E-09	232417_PM_x_at	ZDHHC11	-0.56753	6.666357	-6.45789	4.88E-10	6.57E-09	12.3452
BCL6	203140_PM_at	2.0	1.0	1.9E-07	224280_PM_s_at	FAM54B	-0.56757	8.742655	-6.7951	2.91E-13	7.73E-12	19.56799
GLPR2	225602_PM_at	2.0	1.0	4.1E-09	209692_PM_at	EYA2	-0.568	5.130296	-6.42277	5.97E-10	7.86E-09	12.13968
SACS	213262_PM_at	2.0	1.0	5.5E-08	243292_PM_at	FAM132A	-0.56848	5.184201	-5.0202	9.36E-07	5.94E-06	5.035883
IL27RA	205926_PM_at	2.0	1.0	9.5E-12	208848_PM_at	ADH5	-0.56857	8.969223	-6.6932	1.25E-10	1.91E-09	13.65985
KLHDC7B	236285_PM_at	2.0	1.0	1.0E-07	203894_PM_at	TUBG2	-0.56879	6.860292	-6.98366	2.22E-11	4.03E-10	15.34211
UPP1	203234_PM_at	2.0	1.0	7.5E-14	220224_PM_at	HAO1	-0.56932	4.062288	-6.21622	1.91E-09	2.27E-08	11.00965
EGR1	201693_PM_s_at	2.0	1.0	5.2E-09	218908_PM_at	ASPSCR1	-0.56934	6.223532	-6.30811	1.14E-09	1.42E-08	11.50902
HLA-DPB2	239975_PM_at	2.0	1.0	2.7E-07	237736_PM_at	---	-0.57001	5.822898	-6.29483	1.23E-09	1.52E-08	11.43649
SP100	202863_PM_at	2.0	1.0	8.1E-13	207071_PM_s_at	ACO1	-0.57113	10.16043	-5.56975	6.14E-08	5.15E-07	7.655689
PARP12	218543_PM_s_at	2.0	1.0	1.8E-12	203115_PM_at	FECH	-0.5714	7.808155	-5.16649	4.63E-07	3.15E-06	5.711663
TRAF5	204352_PM_at	2.0	1.0	9.0E-11	202942_PM_at	ETFB	-0.57212	9.850888	-6.24871	1.60E-09	1.92E-08	11.18558
C1orf96	225904_PM_at	2.0	1.0	1.4E-10	215058_PM_at	DENND5B	-0.57267	6.169274	-5.27592	2.70E-07	1.95E-06	6.227508
ICOS	210439_PM_at	2.0	1.0	2.9E-07	217808_PM_s_at	MAPKAP1	-0.57303	8.266409	-6.30749	1.15E-09	1.42E-08	11.50562
FBN1	202765_PM_s_at	2.0	1.0	1.5E-05	221270_PM_s_at	QTRT1	-0.57327	6.200931	-5.31656	2.21E-07	1.62E-06	6.421316
EVL	217838_PM_s_at	2.0	1.0	2.6E-13	214332_PM_s_at	TSFM	-0.57336	5.893	-6.36755	8.17E-10	1.05E-08	11.83491
FN1	210495_PM_x_at	2.0	1.0	3.9E-08	224812_PM_at	HIBADH	-0.57337	10.42058	-7.68696	2.77E-13	7.41E-12	19.61465
HLA-DRB1	208306_PM_x_at	2.0	1.0	1.5E-15	231981_PM_at	PRLR	-0.57349	4.35227	-6.50472	3.73E-10	5.16E-09	12.59557
CDC7	204510_PM_at	2.0	1.0	5.4E-11	239896_PM_at	LOC100289098	-0.57395	7.720524	-5.46048	1.07E-07	8.44E-07	7.117333
PLP2	201136_PM_at	2.0	1.0	3.3E-14	210640_PM_s_at	GPFR	-0.57459	5.581223	-6.47614	4.40E-10	5.98E-09	12.44360
UBE2L6	201649_PM_at	2.0	1.0	4.5E-11	222931_PM_s_at	THNSL1	-0.57475	7.242708	-5.9208	9.66E-09	9.74E-08	9.441828
TLR1	210176_PM_at	2.0	1.0	8.0E-09	208141_PM_s_at	DOHH	-0.57488	5.152502	-5.13438	5.41E-07	3.64E-06	5.56195
SLC43A3	213113_PM_s_at	2.0	1.0	1.5E-09	220452_PM_x_at	---	-0.57514	10.146001	-7.1242	9.43E-12	1.83E-10	16.17384
RHBDP2	219202_PM_at	2.0	1.0	1.9E-11	205301_PM_s_at	OGG1	-0.57514	7.1213	-6.13233	3.05E-09	3.46E-08	10.55856
OLFMA4	212768_PM_s_at	2.0	1.0	4.5E-04	228583_PM_at	LINS2	-0.57515	8.250239	-6.20187	2.07E-09	2.44E-08	10.93217
GBP3	223434_PM_at	2.0	1.0	9.5E-09	41577_PM_at	PPP1R16B	-0.57526	8.520046	-4.98104	1.13E-06	7.02E-06	4.857712
LRR33	235359_PM_at	2.0	1.0	1.9E-10	214434_PM_at	HSPA12A	-0.57528	8.440984	-6.38323	7.47E-10	9.64E-09	11.92125
CH25H	206932_PM_at	2.0	1.0	2.2E-09	203682_PM_s_at	IVD	-0.57637	7.730832	-6.53412	3.15E-10	4.44E-09	12.7601
FRP3	214560_PM_at	2.0	1.0	1.4E-10	200632_PM_s_at	NDRG1	-0.57654	11.14573	-7.34218	2.46E-12	5.38E-11	17.48607
ANKRD36	214723_PM_x_at	2.0	1.0	1.7E-10	244151_PM_at	LOC285733	-0.57672	3.909497	-6.15599	2.67E-09	3.07E-08	10.6853
TNFAIP8L2	223583_PM_at	2.0	1.0	2.6E-08	213454_PM_at	ARITD1	-0.5768	8.900536	-6.06126	4.50E-09	4.93E-08	10.18006
IGH@ /// IGH1A1 /// IGH2A1	211633_PM_x_at	2.0	1.0	2.5E-05	227080_PM_at	ZNF697	-0.57741	8.028714	-6.60709	2.06E-10	3.04E-09	13.17086
IRF4	204562_PM_at	2.0	1.0	7.2E-08	230402_PM_at	DUSP15	-0.57757	5.186446	-5.427	1.27E-07	9.87E-07	6.954095
VAV1												

LILRB3	210225_PM_x_at	2.1	1.1	1.1E-09	202382_PM_s_at	GNPDA1	-0.58578	9.849062	-7.12208	9.56E-12	1.85E-10	16.16121
UBE2C	202954_PM_at	2.1	1.1	2.4E-07	1554691_PM_a_at	CACSIN2	-0.58718	5.388861	-5.5366	7.28E-08	5.99E-07	7.491492
COL3A1	201852_PM_x_at	2.1	1.1	5.4E-06	223550_PM_s_at	CA10	-0.58746	5.005	-5.2331	7.79E-08	6.35E-07	7.42587
TFPI2	209277_PM_at	2.1	1.1	7.5E-07	217597_PM_x_at	RAB40B	-0.58808	7.027587	-6.83231	5.49E-11	9.15E-10	14.45927
CLEC2B	209732_PM_at	2.1	1.1	4.8E-13	236597_PM_at	UGT3A1	-0.58872	4.276931	-5.35845	1.79E-07	1.35E-06	6.622346
BTN3A2 /// BTN3A3	204820_PM_s_at	2.1	1.1	1.7E-13	215210_PM_s_at	DLST	-0.58927	9.259364	-6.4364	5.52E-10	7.35E-09	12.21519
SNX20	228869_PM_at	2.1	1.1	2.3E-11	244032_PM_at	---	-0.58941	5.801213	-5.63975	4.27E-08	3.72E-07	8.005405
LOC643733	204890_PM_at	2.1	1.1	2.4E-09	204565_PM_at	ACOT13	-0.58973	10.328	-5.75681	2.31E-08	2.13E-07	8.596854
P2RX5	210448_PM_s_at	2.1	1.1	2.0E-07	213132_PM_s_at	MCAT	-0.59014	8.449741	-7.04587	1.52E-11	2.84E-10	15.70884
BATF	205965_PM_at	2.1	1.1	7.8E-09	226636_PM_at	PLD1	-0.59066	8.180124	-5.53512	7.33E-08	6.03E-07	7.484153
P2RY8	229686_PM_at	2.1	1.1	2.0E-09	213181_PM_s_at	MOCOS1	-0.59117	7.793815	-6.26976	1.42E-09	1.73E-08	11.29994
IFI30	201422_PM_at	2.1	1.1	4.1E-11	1562013_PM_a_at	---	-0.59135	6.733479	-5.91544	9.94E-09	1.00E-07	9.413903
FLJ40330	1556183_PM_at	2.1	1.1	6.6E-06	204041_PM_at	MAOB	-0.59172	10.20964	-6.17822	2.36E-09	2.75E-08	10.80478
GNLY	205495_PM_s_at	2.1	1.1	2.3E-07	207747_PM_s_at	DOK4	-0.59259	5.07232	-5.19207	4.08E-07	2.81E-06	5.831423
IL7	206693_PM_at	2.1	1.1	2.4E-15	238547_PM_at	HEXIM2	-0.59364	7.438548	-6.52163	3.39E-10	4.74E-09	12.69011
SP110	208012_PM_x_at	2.1	1.1	1.1E-11	222425_PM_s_at	POLDIP2	-0.59399	8.3996	-6.84282	5.16E-11	8.67E-10	14.52009
TUBB6	209191_PM_at	2.1	1.1	6.7E-12	1554582_PM_a_at	C12orf72	-0.59407	5.057392	-6.81892	5.94E-11	9.81E-10	14.38181
SLC34A2	204124_PM_at	2.1	1.1	3.2E-06	216389_PM_s_at	DCAF11	-0.59428	6.158611	-5.69055	3.28E-08	2.92E-07	8.2607
SPON2	218638_PM_s_at	2.1	1.1	5.5E-11	223423_PM_at	GPR160	-0.596	9.820786	-5.16971	4.56E-07	3.10E-06	5.726683
HLA-DRB1 /// HLA-DRB3 /// HLA-DRB4	238900_PM_at	2.1	1.1	4.7E-04	239656_PM_at	LOC723809	-0.59607	7.331759	-5.25015	3.07E-07	2.18E-06	6.105231
FOS	209189_PM_at	2.1	1.1	1.2E-10	209003_PM_at	SLC25A11	-0.59641	8.362469	-7.45336	1.22E-12	2.84E-11	18.16546
NELL2	203413_PM_at	2.1	1.1	8.4E-07	219986_PM_s_at	ACAD10	-0.59725	6.104238	-6.30514	1.16E-09	1.44E-08	11.49278
CFH /// CFHR1	215388_PM_s_at	2.1	1.1	1.5E-13	239349_PM_at	C1QTNF7	-0.59779	4.323188	-5.13256	5.46E-07	3.66E-06	5.553473
FGF7	205782_PM_at	2.1	1.1	1.1E-08	207367_PM_at	ATP12A	-0.59797	4.343561	-6.1076	3.49E-09	3.91E-08	10.42647
BTLA	236226_PM_at	2.1	1.1	1.7E-07	204462_PM_s_at	SLC16A2	-0.59813	7.055433	-6.4816	4.26E-10	1.24E-09	12.46649
PAG1	225622_PM_at	2.1	1.1	1.6E-11	1565660_PM_at	FUT6	-0.59867	6.651508	-5.31382	2.24E-07	1.64E-06	6.408232
IRF7	208436_PM_s_at	2.1	1.1	2.4E-11	204238_PM_s_at	GcorF108	-0.6005	9.29099	-5.40475	1.42E-07	1.09E-06	6.846067
CCR7	206337_PM_at	2.1	1.1	8.2E-07	205412_PM_at	ACAT1	-0.60085	11.85081	-6.29639	1.22E-09	1.50E-08	11.445
FAM3	221601_PM_s_at	2.1	1.1	3.8E-09	205640_PM_at	ALDH3B1	-0.60102	7.325029	-6.1181	3.30E-09	3.72E-08	10.48254
IL16	209827_PM_s_at	2.1	1.1	1.2E-10	242274_PM_x_at	SLC25A42	-0.6011	5.149236	-5.44416	1.17E-07	9.10E-07	7.037656
CKLF	219161_PM_s_at	2.1	1.1	7.3E-15	1568611_PM_at	---	-0.60208	5.254185	-7.01466	1.84E-11	3.39E-10	15.5246
LOC100290557	216412_PM_x_at	2.1	1.1	1.9E-05	206149_PM_at	CHP2	-0.60242	5.054918	-5.07868	7.08E-07	4.62E-06	5.304095
PMAIP1	204285_PM_s_at	2.2	1.1	6.1E-09	211673_PM_s_at	MOCOS1	-0.60269	4.707627	-7.4904	9.69E-13	2.28E-11	18.39332
GBP4	235175_PM_at	2.2	1.1	1.1E-07	209531_PM_at	GSTZ1	-0.60342	6.91802	-6.02592	5.46E-09	5.87E-08	9.993045
TMEM49	1569003_PM_at	2.2	1.1	4.8E-11	238056_PM_at	SDHC	-0.60392	7.728039	-6.23662	1.71E-09	2.05E-08	11.12002
CSorf39	227877_PM_at	2.2	1.1	1.0E-10	233047_PM_at	FRMD7	-0.60397	4.395686	-8.24782	7.03E-15	2.54E-13	23.20781
PROM1	204304_PM_s_at	2.2	1.1	1.1E-06	225513_PM_at	SCRN2	-0.60421	6.191591	-5.74142	2.51E-08	2.30E-07	8.518511
GIMAP5	218805_PM_at	2.2	1.1	1.7E-11	238467_PM_at	---	-0.60539	6.133526	-6.89104	3.87E-11	6.70E-10	14.80023
SLC2A3	202497_PM_x_at	2.2	1.1	6.8E-12	223093_PM_at	LGSN	-0.60807	3.8261	-6.0769	4.13E-09	4.56E-08	10.26305
FAM129A	217966_PM_s_at	2.2	1.1	1.2E-08	41660_PM_at	CELSR1	-0.60824	9.005135	-5.5625	6.37E-08	5.31E-07	7.61974
ZBED2	219836_PM_at	2.2	1.1	7.1E-07	223805_PM_at	OSBP16	-0.60949	8.286508	-5.20485	3.84E-07	2.66E-06	5.891463
IFITM1	201601_PM_x_at	2.2	1.1	1.5E-17	209874_PM_x_at	CNNM2	-0.60952	5.128851	-6.75406	8.73E-11	1.38E-09	14.00813
KLRD1	207796_PM_x_at	2.2	1.1	2.7E-10	229657_PM_at	THR3	-0.60961	6.843737	-7.44743	1.27E-12	2.94E-11	18.12906
ADAMTS1	222162_PM_at	2.2	1.1	1.3E-07	228835_PM_at	---	-0.60992	7.611193	-5.92538	9.42E-09	9.53E-08	9.465701
ELF4	31845_PM_at	2.2	1.1	1.3E-13	222140_PM_s_at	---	-0.61076	9.813144	-7.21025	5.56E-12	1.13E-10	16.68867
EPST11	227609_PM_at	2.2	1.1	3.5E-09	1562587_PM_at	CLNK	-0.6112	4.918424	-5.76862	2.17E-08	2.02E-07	8.657904
RTN1	203485_PM_at	2.2	1.1	2.2E-11	241607_PM_at	LOC730102	-0.61129	7.146898	-5.62156	4.70E-08	4.04E-07	7.913902
STAMBPL1	227606_PM_s_at	2.2	1.1	4.3E-12	200894_PM_s_at	FKBP4	-0.61142	6.555031	-5.08288	6.93E-07	4.54E-06	5.323446
FAM113B	228298_PM_at	2.2	1.1	5.0E-09	213263_PM_s_at	PCBP2	-0.61176	9.195089	-6.15924	2.63E-09	3.02E-08	10.70277
CENPW	226936_PM_at	2.2	1.1	1.3E-10	210177_PM_at	TRIM15	-0.61197	6.370862	-5.53423	7.37E-08	6.05E-07	7.479746
GIMAP7	228071_PM_at	2.2	1.1	4.0E-14	219610_PM_at	RGNEF	-0.61198	8.220998	-5.11002	6.08E-07	4.03E-06	5.448885
LOC727820	227383_PM_at	2.2	1.1	1.7E-10	202053_PM_s_at	ALDH3A2	-0.6123	10.36546	-6.38554	7.38E-10	9.54E-09	11.93401
HLA-DRA	208894_PM_at	2.2	1.1	2.1E-09	202472_PM_at	MPI	-0.61231	6.467405	-7.17071	7.09E-12	1.41E-10	16.4516
CLIC2	213415_PM_at	2.2	1.1	4.0E-11	238245_PM_at	ENPP7	-0.61308	4.127234	-6.56524	2.63E-10	3.78E-09	12.93491
RAB31	217762_PM_s_at	2.2	1.1	7.4E-14	229236_PM_s_at	SFXN4	-0.61427	7.281186	-5.48318	9.56E-08	7.62E-07	7.228488
RNF213	225929_PM_s_at	2.2	1.1	1.7E-11	237870_PM_at	LOC285771	-0.61469	5.372789	-5.06814	7.44E-07	4.84E-06	5.25555
CP	204846_PM_at	2.2	1.1	1.8E-09	229893_PM_at	FRMD3	-0.61486	8.151721	-7.14519	8.30E-12	1.63E-10	16.29903
CEP110	205642_PM_at	2.2	1.1	9.3E-16	203717_PM_at	PPP4	-0.61488	10.34413	-6.11477	3.36E-09	3.77E-08	10.46472
MICB	206247_PM_at	2.2	1.1	2.4E-11	203979_PM_at	CYP27A1	-0.61551	9.106537	-6.11979	3.27E-09	3.69E-08	10.49155
C13orf18	219471_PM_at	2.2	1.1	7.1E-10	222451_PM_s_at	ZDHHC9	-0.61594	9.028292	-7.12525	9.37E-12	1.82E-10	16.18006
PARP14	224701_PM_at	2.2	1.1	3.1E-11	204360_PM_s_at	NAGLU	-0.61675	8.057362	-6.26906	1.42E-09	1.73E-08	11.29615
CHST11	219634_PM_at	2.2	1.1	3.1E-11	201790_PM_s_at	DHCR7	-0.61705	5.868354	-5.48854	9.30E-08	7.44E-07	7.254782
NCKAP1L	209734_PM_at	2.2	1.1	2.5E-09	223437_PM_at	PPARA	-0.61714	9.349191	-6.52177	3.38E-10	4.74E-09	12.69093
CXCL16	223454_PM_at	2.2	1.1	4.2E-12	203188_PM_at	B3GNT1	-0.61713	8.961009	-9.4402	1.78E-18	1.27E-16	31.32142
TNFAIP8	208296_PM_x_at	2.2	1.1	5.0E-13	238440_PM_at	CLYBL	-0.61746	8.477904	-5.39643	1.48E-07	1.13E-06	6.805748
LAIR2	207509_PM_s_at	2.2	1.1	2.1E-08	209522_PM_s_at	CRAT	-0.61762	8.97424	-7.03694	1.61E-11	2.98E-10	15.6561
ISG15	205483_PM_s_at	2.3	1.2	6.4E-10	203126_PM_at	IMPAA2	-0.61796	10.61205	-5.35407	1.83E-07	1.37E-06	6.601287
SOD2	215078_PM_at	2.3	1.2	2.8E-12	218168_PM_s_at	CABC1	-0.61851	8.226671	-5.85784	1.35E-08	1.32E-07	9.115249
BTN3A2	209846_PM_s_at	2.3	1.2	2.0E-12	243730_PM_at	---	-0.61952	4.215601	-7.3496	2.34E-12	5.17E-11	17.53115
APOL3	221087_PM_s_at	2.3	1.2	6.7E-12	238160_PM_at	ACOT12	-0.61995	4.089696	-6.47769	4.36E-10	5.93E-09	12.4447
RUNX3	204197_PM_s_at	2.3	1.2	2.5E-10	239615_PM_at	---	-0.61999	4.87377	-5.74583	2.45E-08	2.25E-07	8.540962
HSPA6	117_PM_at	2.3	1.2	1.2E-10	243372_PM_at	HSPD1	-0.62008	4.703983	-7.07422	1.28E-11	2.42E-10	15.87673
CI-R	212067_PM_s_at	2.3	1.2	5.7E-15	215244_PM_at	DGCR5	-0.62037	4.3941493	-5.34228	1.95E-07	1.44E-06	6.544593
RARRS3	204070_PM_at	2.3	1.2	8.9E-12	242373_PM_at	---	-0.62037	4.86761	-5.96553	7.59E-09	7.84E-08	9.675465
COL1A2	202403_PM_s_at	2.3	1.2	1.1E-05	228802_PM_at	RBPMS2	-0.62038	8.424708	-5.07051	7.36E-07	4.79E-06	5.266482
SAMD9L	226603_PM_at	2.3	1.2	6.7E-11	202025_PM_x_at	ACAA1	-0.62081	9.934838	-5.69665	3.18E-08	2.84E-07	8.291534
PLTP	202075_PM_s_at	2.3	1.2	1.5E-08	214259_PM_s_at	AKR7A2	-0.62119	10.05705	-7.0605	1.39E-11	2.61E-10	15.79543
LOC374443	240572_PM_s_at	2.3	1.2	1.7E-10	210476_PM_s_at	PRLR	-0.62219	4.42794	-5.85744	1.36E-08	1.32E-07	9.11317
COL6A3	201438_PM_at	2.3	1.2	1.4E-08	229797_PM_at	MCOLN3	-0.62258	5.744479	-5.69819	3.15E-08	2.82E-07	8.299285
TIGIT	240070_PM_at	2.3	1.2	1.3E-07	203803_PM_at	PCYOX1	-0.62291	9.079339	-5.05199	8.04E-07	5.18E-06	5.181387
SLAMF7	219159_PM_s_at	2.3	1.2	7.5E-09	1556761_PM_at	---	-0.6231	4.778546	-5.63016	4.49E-08	3.89E-07	7.956985
ACSL5	218322_PM_s_at											

S100A8	202917_PM_s_at	2.4	1.3	3.8E-10	222477_PM_s_at	TM75F3	-0.63353	10.66519	-6.71612	1.09E-10	1.69E-09	13.79073
PARVG	223562_PM_at	2.4	1.3	4.6E-11	216509_PM_x_at	CE52	-0.63386	10.12959	-5.23298	3.34E-07	2.35E-06	6.024038
CD74	209619_PM_at	2.4	1.3	1.8E-08	221001_PM_at	PRKCE	-0.6339	9.965354	-6.5348	3.14E-10	4.43E-09	12.76392
BASP1	202391_PM_at	2.4	1.3	2.1E-12	231846_PM_at	FOXRED2	-0.63427	6.415331	-6.97913	2.28E-11	4.12E-10	15.31547
ICAM1	202637_PM_s_at	2.4	1.3	7.1E-11	209735_PM_at	ABCG2	-0.63427	6.111192	-5.57848	5.87E-08	4.94E-07	7.699086
FERMT3	223303_PM_at	2.4	1.3	4.5E-11	201089_PM_at	ATP6V1B2	-0.63427	9.660468	-5.83671	1.52E-08	1.46E-07	9.006239
CCR2	206978_PM_at	2.4	1.3	3.8E-12	210999_PM_s_at	GRB10	-0.63471	7.735809	-6.31726	1.09E-09	1.35E-08	11.55904
ST8SIA4	206925_PM_at	2.4	1.3	1.2E-10	221747_PM_at	TNS1	-0.63476	7.929989	-6.69548	1.23E-10	1.89E-09	13.67283
PARP8	219033_PM_at	2.4	1.3	2.4E-15	230780_PM_at	LOC730091	-0.63506	5.451132	-6.83698	5.34E-11	8.94E-10	14.48631
FAM65B	206707_PM_x_at	2.4	1.3	8.2E-12	238975_PM_at	MMAB	-0.63538	5.351241	-6.42724	5.82E-10	7.70E-09	12.16442
CD33	206120_PM_at	2.4	1.3	8.8E-12	229002_PM_at	FAM69B	-0.63575	6.203154	-5.60649	5.08E-08	4.33E-07	7.838629
ERAP2	219759_PM_at	2.4	1.3	1.3E-06	222400_PM_s_at	ADI1	-0.63589	12.08868	-8.18097	1.10E-14	3.80E-13	22.77144
POU2AF1	205267_PM_at	2.4	1.3	1.2E-11	226855_PM_at	---	-0.63611	7.4184	-6.52734	3.28E-10	4.61E-09	12.72209
APOBEC3B	206632_PM_s_at	2.4	1.3	1.1E-08	214842_PM_s_at	---	-0.63623	3.857099	-6.16461	2.55E-09	2.94E-08	10.73159
HLA-DMB	203932_PM_at	2.4	1.3	1.0E-13	212750_PM_at	PPP1R16B	-0.63679	8.337062	-5.05979	7.75E-07	5.01E-06	5.21717
CLEC12A /// CLEC12B	1552398_PM_a_at	2.4	1.3	5.7E-10	243163_PM_at	---	-0.63832	4.794506	-5.89162	1.13E-08	1.12E-07	9.290132
APOBEC3F /// APOBEC3G	214995_PM_s_at	2.4	1.3	1.2E-10	1553844_PM_a_at	C1orf67	-0.63848	5.093772	-6.28091	1.33E-09	1.63E-08	11.36063
STAB1	204150_PM_at	2.4	1.3	1.7E-14	210624_PM_s_at	HLVB1	-0.63853	8.639396	-6.08914	3.87E-09	4.29E-08	10.32816
SECTM1	213716_PM_s_at	2.4	1.3	2.7E-10	219168_PM_s_at	PRRS	-0.63882	4.592092	-7.35447	1.02E-11	5.02E-11	17.56081
C12orf35	218614_PM_at	2.4	1.3	2.8E-15	232859_PM_s_at	MAG1	-0.63894	6.245276	-5.30737	2.31E-07	1.69E-06	6.377394
HLA-DRB1 /// HLA-DRB3 /// HLA-DRB4	215193_PM_x_at	2.4	1.3	4.6E-11	230174_PM_at	LYPLAL1	-0.63897	10.39984	-8.53341	1.02E-15	4.32E-14	25.09442
TCIRG1	204158_PM_s_at	2.4	1.3	9.2E-13	214116_PM_at	---	-0.63922	7.462755	-5.04303	8.39E-07	5.39E-06	5.140279
TBC1D10C	228258_PM_at	2.5	1.3	5.0E-10	226490_PM_at	NHSL1	-0.63959	8.396465	-6.69687	1.22E-10	1.88E-09	13.68077
IL32	203828_PM_s_at	2.5	1.3	7.0E-13	213037_PM_x_at	STAU1	-0.63988	10.80148	-11.1932	3.66E-24	1.33E-21	44.17746
CD86	205685_PM_at	2.5	1.3	5.9E-12	222653_PM_at	PNPO	-0.64008	9.238362	-6.34026	9.54E-10	1.20E-08	11.68499
QPCT	205174_PM_s_at	2.5	1.3	5.6E-15	206410_PM_at	NROB2	-0.64054	5.294133	-6.77567	7.68E-11	1.23E-09	14.13328
P2RY14	206637_PM_at	2.5	1.3	4.4E-10	222650_PM_s_at	SLC2A4RG	-0.64143	4.906837	-7.3918	1.08E-10	4.05E-11	17.78841
AIF1	207823_PM_s_at	2.5	1.3	2.1E-12	210879_PM_s_at	RAB11FIP5	-0.64239	9.051474	-7.60962	4.55E-13	1.15E-11	19.13166
SERPINB9	209723_PM_at	2.5	1.3	3.8E-13	211917_PM_at	PRLR	-0.64294	2.119967	-5.83447	1.53E-08	1.48E-07	8.994725
ARHGAP15	218870_PM_at	2.5	1.3	2.3E-12	213861_PM_s_at	FAM119B	-0.64348	7.159849	-5.85584	1.37E-08	1.33E-07	9.104932
CELF2	202156_PM_s_at	2.5	1.3	1.2E-11	225311_PM_at	IVD	-0.6437	8.953379	-7.65497	3.40E-13	8.88E-12	19.41448
PTPRCAP	204960_PM_at	2.5	1.3	2.5E-08	201397_PM_at	PHGDH	-0.64436	8.179074	-5.88071	1.20E-08	1.18E-07	9.233545
ARHGDB18	201288_PM_at	2.5	1.3	1.1E-09	203500_PM_at	GCDH	-0.64457	7.975384	-5.2438	3.17E-07	2.24E-06	6.07518
IFNG	210354_PM_at	2.5	1.3	1.8E-07	237202_PM_at	PGPEP1	-0.64467	7.929309	-5.7893	1.95E-08	1.83E-07	8.762804
IFI4I4	204439_PM_at	2.5	1.3	3.8E-07	207320_PM_x_at	STAU1	-0.64488	10.76789	-10.627	2.78E-22	5.04E-20	39.92472
C21orf96	220918_PM_at	2.5	1.3	9.3E-11	218922_PM_s_at	LASSA4	-0.64504	5.964718	-5.75892	2.29E-08	2.11E-07	8.607622
CLEC4A	219947_PM_at	2.5	1.3	2.7E-10	230889_PM_at	---	-0.64516	5.319923	-5.46581	1.04E-07	8.25E-07	7.143413
MMP9	203936_PM_s_at	2.5	1.3	1.6E-06	206076_PM_at	LRRC23	-0.64544	5.722991	-6.78625	7.21E-11	1.16E-09	14.19329
MX2	204994_PM_at	2.5	1.3	3.0E-10	1558579_PM_at	FLJ37786	-0.64545	4.344017	-5.00794	9.92E-07	6.26E-06	4.979986
PLAUR	210845_PM_s_at	2.5	1.3	5.0E-12	238786_PM_at	---	-0.6455	6.051652	-6.31479	1.10E-09	1.37E-08	11.54553
IGHG /// IGHAI1 /// IGHAI2 /// IGHAI3	211641_PM_x_at	2.5	1.3	3.7E-06	204231_PM_s_at	FAAH	-0.64556	6.846154	-6.0035	6.17E-09	6.54E-08	9.874894
KCNJ2	206765_PM_at	2.5	1.3	1.4E-09	1552337_PM_s_at	HOXD4	-0.6457	6.635073	-6.36314	8.38E-10	1.07E-08	11.81066
SIRPG	220485_PM_s_at	2.5	1.3	6.0E-10	33197_PM_at	MYO7A	-0.64596	5.786928	-6.08315	3.99E-09	4.42E-08	10.2963
HMHA1	212873_PM_at	2.5	1.3	2.4E-12	232861_PM_at	PDP2	-0.64634	4.857679	-5.4423	1.18E-07	9.18E-07	7.028593
LY75	205668_PM_at	2.5	1.3	3.0E-10	204311_PM_at	ATP1B2	-0.64678	5.473434	-6.01398	5.83E-09	6.21E-08	9.930077
CECR1	219505_PM_at	2.5	1.3	1.4E-11	208006_PM_at	FOXI1	-0.6472	5.86697	-5.67729	3.51E-08	3.11E-07	8.193758
TD02	205943_PM_at	2.5	1.3	3.7E-08	37590_PM_g_at	---	-0.64749	7.708056	-6.34026	9.54E-10	1.20E-08	11.68497
PSMB8	209040_PM_s_at	2.5	1.3	7.0E-15	203457_PM_at	STX7	-0.64763	7.82669	-6.51534	3.51E-10	4.90E-09	12.65495
GZMH	210321_PM_at	2.5	1.4	3.4E-11	210490_PM_s_at	FAM149A	-0.64776	7.568144	-6.47417	4.45E-10	6.04E-09	12.4251
CSF1R	203104_PM_at	2.6	1.4	8.8E-13	238298_PM_at	---	-0.64837	4.319157	-6.49873	3.86E-10	5.33E-09	12.5621
ALOX5AP	204174_PM_at	2.6	1.4	8.3E-15	242131_PM_at	LOC100288418	-0.64854	9.465408	-6.26038	1.49E-09	1.81E-08	11.24892
CD1C	205987_PM_at	2.6	1.4	2.4E-09	221015_PM_s_at	CDADC1	-0.65005	4.88808	-6.87855	4.17E-11	7.15E-10	14.72755
RCSO1	225763_PM_at	2.6	1.4	1.6E-11	202890_PM_at	MAP7	-0.65012	9.374824	-5.71305	2.91E-08	2.63E-07	8.374498
TGFB1	201506_PM_at	2.6	1.4	4.5E-16	228233_PM_at	FREM1	-0.6502	6.515801	-6.04351	4.96E-09	5.37E-08	10.08604
PTX3	206157_PM_at	2.6	1.4	3.3E-07	224053_PM_s_at	SLC4A9	-0.65162	4.851833	-7.73128	2.09E-13	5.72E-12	19.89285
RHOH	204951_PM_at	2.6	1.4	1.0E-09	209740_PM_s_at	PNPLA4	-0.65219	8.089829	-6.0491	4.81E-09	5.23E-08	10.11559
CYAT1 /// IGLV1-44	215121_PM_x_at	2.6	1.4	9.5E-06	201848_PM_s_at	BNIP3	-0.65232	9.542746	-5.30532	2.34E-07	1.70E-06	6.367619
PLEKH01	218223_PM_s_at	2.6	1.4	2.2E-11	220723_PM_s_at	CWH43	-0.65244	7.187898	-5.49389	9.05E-08	7.72E-07	7.281068
CCL11	210133_PM_at	2.6	1.4	3.8E-09	230611_PM_at	SYPL2	-0.6528	7.647433	-4.97967	1.13E-06	7.06E-06	4.851525
CLC	206207_PM_at	2.6	1.4	7.3E-06	200664_PM_s_at	DNAJB1	-0.65329	7.779467	-6.86249	4.58E-11	7.78E-10	14.63421
PSMB10	202659_PM_at	2.6	1.4	1.1E-15	223895_PM_s_at	EPN3	-0.65338	6.762316	-4.96634	1.21E-06	7.47E-06	4.791161
HLA-DPA1	211990_PM_at	2.6	1.4	1.3E-15	44696_PM_at	TBC1D13	-0.65405	8.78966	-7.88574	7.67E-14	2.30E-12	20.8704
APOL1	209546_PM_s_at	2.6	1.4	3.1E-11	231959_PM_at	LINS2	-0.65439	7.220403	-4.99367	1.06E-06	6.65E-06	4.91506
HLA-DMA	217478_PM_s_at	2.6	1.4	4.1E-13	218025_PM_s_at	PECI	-0.65458	10.76316	-6.49598	3.92E-10	5.40E-09	12.54672
MLKL	238025_PM_at	2.6	1.4	1.5E-13	202139_PM_at	AKR7A2	-0.65472	10.06391	-5.54576	6.94E-08	5.73E-07	7.536793
IL15RA	207375_PM_s_at	2.6	1.4	2.2E-12	1569926_PM_s_at	SLC34A3	-0.65491	9.988155	-8.85304	1.13E-16	5.64E-15	27.25119
CD300LF	1553043_PM_a_at	2.7	1.4	2.3E-10	234435_PM_at	---	-0.65693	4.890797	-6.73389	9.83E-11	1.54E-09	13.89245
BIN2	219191_PM_s_at	2.7	1.4	8.9E-13	36475_PM_at	GCAT	-0.65714	6.745882	-5.74868	2.42E-08	2.22E-07	8.555425
MSA41	210356_PM_x_at	2.7	1.4	1.0E-07	1556737_PM_at	LOC388387	-0.65739	5.661826	-5.20725	3.79E-07	2.63E-06	5.902766
MYO1F	213733_PM_at	2.7	1.4	9.4E-14	221221_PM_s_at	KLHL3	-0.65751	8.03434	-6.3879	7.28E-10	9.41E-09	11.94701
LOC100289727 /// NCF1 /// NCF2	214084_PM_x_at	2.7	1.4	4.1E-10	226710_PM_at	C8orf82	-0.65757	8.79892	-7.16133	7.52E-12	1.49E-10	16.39543
LOC541471 /// NCRNA00152	225799_PM_at	2.7	1.4	1.2E-16	234974_PM_at	GALM	-0.65798	10.01303	-6.5941	2.23E-10	3.25E-09	13.09749
BAZ1A	217985_PM_s_at	2.7	1.4	9.0E-17	223535_PM_at	NUDT12	-0.65825	7.743868	-7.6166	4.35E-13	1.10E-11	19.17512
LILRB1	207104_PM_x_at	2.7	1.4	1.4E-10	1555216_PM_a_at	LOC645722	-0.65852	7.085019	-5.32072	2.17E-07	1.59E-06	6.441227
CITA	205101_PM_at	2.7	1.4	1.5E-11	64408_PM_s_at	CALML4	-0.65885	9.217337	-5.45457	1.11E-07	8.68E-07	7.088469
LYN	202625_PM_at	2.7	1.4	3.8E-14	208189_PM_s_at	MYO7A	-0.65902	5.813948	-6.00666	6.07E-09	6.44E-08	8.991502
TNC	201645_PM_at	2.7	1.4	1.2E-12	226733_PM_at	PKFB2	-0.65922	7.374209	-5.45745	1.09E-07	8.56E-07	7.102539
CLEC7A	221698_PM_s_at	2.7	1.4	7.6E-11	228950_PM_s_at	WLS	-0.65923	7.999303	-7.16717	7.25E-12	1.44E-10	16.43038
HLA-DQB1	205671_PM_s_at	2.7	1.4	7.5E-10	235013_PM_at	SLC31A1	-0.65944	7.417691	-6.97983	2.27E-11	4.11E-10	15.31959
SFN	209260_PM_at	2.7	1.5	1.5E-09	229730_PM_at	SMTNL2	-0.65954	8.532393	-5.66838	3.68E-08	3.24E-07	8.148868
TRIM22	213293_PM_s_at	2.7	1.5	6.9E-16	1554145_PM_a_at	KLRAQ1	-0.65967	6.419338	-5.			

NNMT	202238_PM_s_at	2.9	1.5	7.4E-14	222134_PM_at	DDO	-0.67074	6.786203	-4.99696	1.05E-06	6.56E-06	4.930005
NFATC2	226991_PM_at	2.9	1.5	8.2E-14	221646_PM_s_at	ZDHC11	-0.67124	5.208827	-5.84516	1.45E-08	1.40E-07	9.049789
AMICA1	228094_PM_at	2.9	1.5	1.1E-11	224871_PM_at	TPRG11	-0.67154	6.122252	-9.24158	7.35E-18	4.63E-16	29.2938
CD247	210031_PM_at	2.9	1.5	5.6E-11	225463_PM_x_at	GPR89A /// GPR89B /// GPR89C	-0.67158	9.716844	-6.84025	5.23E-11	8.79E-10	14.50523
RASD1	223467_PM_at	2.9	1.5	1.6E-11	217782_PM_s_at	GPS1	-0.67197	7.559178	-6.5401	3.04E-10	6.5401	12.79362
FCGR3B	204007_PM_at	2.9	1.5	1.6E-11	220105_PM_at	RTDR1	-0.67258	5.964007	-5.49134	9.17E-08	7.35E-07	7.2685
RTP4	219684_PM_at	2.9	1.5	4.5E-16	227570_PM_at	TMEM86A	-0.67333	6.858942	-6.08889	3.87E-09	4.29E-08	10.32679
RAB27A	209514_PM_s_at	2.9	1.5	1.4E-13	204977_PM_at	DDX10	-0.6739	9.185757	-6.85267	4.86E-11	8.32E-10	14.57721
CCL3 /// CCL3L1 /// CCL3L3	205114_PM_s_at	2.9	1.6	9.2E-09	1556445_PM_at	---	-0.67425	4.44414	-5.40831	1.40E-07	1.08E-06	6.863308
SRGN	201858_PM_s_at	2.9	1.6	8.1E-15	204137_PM_at	GPR137B	-0.67433	9.591591	-5.55157	6.74E-08	5.59E-07	7.565533
IGH@ /// IGH1 /// IGH0 /// IGH1 /// IGH2 /// IGH3	211634_PM_x_at	2.9	1.6	6.8E-06	238441_PM_at	PRKAA2	-0.67461	8.502688	-6.11056	3.44E-09	3.85E-08	10.44224
IGHA1 /// IGH0 /// IGHG1 /// IGHG2 /// IGHG3	211650_PM_x_at	2.9	1.6	1.7E-05	223531_PM_x_at	GPR89A /// GPR89B /// GPR89C	-0.67462	9.72799	-6.97677	2.31E-11	4.18E-10	15.30162
FYB	205285_PM_s_at	3.0	1.6	2.2E-11	233504_PM_at	C9orf84	-0.67505	4.181641	-6.18322	2.30E-09	2.68E-08	10.83165
TNFRSF1B	203508_PM_at	3.0	1.6	1.5E-14	205203_PM_at	PLD1	-0.67512	6.251026	-5.99799	6.36E-09	6.73E-08	9.845903
MS4A4A	224357_PM_s_at	3.0	1.6	1.0E-13	211852_PM_s_at	ATRN	-0.6752	6.942332	-5.87668	1.22E-08	1.20E-07	9.212691
FCGR2C	210992_PM_x_at	3.0	1.6	2.4E-10	239816_PM_at	POLD3	-0.67544	5.382227	-7.6492	3.53E-13	9.17E-12	19.37843
GMFG	204220_PM_at	3.0	1.6	7.6E-16	229696_PM_at	FECH	-0.67587	5.99633	-5.6227	4.67E-08	4.02E-07	7.919628
S100A9	203535_PM_at	3.0	1.6	3.1E-09	223438_PM_s_at	PPARA	-0.67882	8.318072	-5.41996	1.32E-07	1.02E-06	6.919887
PVRIG	219812_PM_at	3.0	1.6	1.0E-10	1556078_PM_at	LOC100289632	-0.68122	4.858183	-5.53323	7.40E-08	6.08E-07	7.474836
HCP5	206082_PM_at	3.0	1.6	1.3E-15	207576_PM_x_at	OXT	-0.68227	4.564575	-6.13916	2.93E-09	3.34E-08	10.59514
CCL8	214038_PM_at	3.0	1.6	5.1E-08	210947_PM_s_at	MSH3	-0.68278	7.427913	-5.73526	2.59E-08	2.36E-07	8.487184
STAT4	206118_PM_at	3.0	1.6	8.2E-13	218523_PM_at	LHPP	-0.68331	7.512138	-5.33591	2.01E-07	1.49E-06	6.514026
P2RY13	220005_PM_at	3.0	1.6	1.4E-11	210833_PM_at	PTGER3	-0.68401	4.830379	-5.76743	2.19E-08	2.03E-07	8.651039
LILRB2	207697_PM_x_at	3.0	1.6	3.9E-11	203071_PM_at	SEMA3B	-0.68408	7.525426	-5.75071	2.39E-08	2.20E-07	8.565797
FXYD5	218084_PM_x_at	3.0	1.6	1.6E-13	222697_PM_s_at	ABHD10	-0.68412	7.888566	-5.05888	7.78E-07	5.03E-06	5.213016
GPR65	214467_PM_at	3.0	1.6	1.2E-11	225103_PM_at	MRPL38	-0.68412	6.444637	-6.76825	8.02E-11	1.28E-09	14.08966
GLPR1	204221_PM_x_at	3.1	1.6	8.4E-16	232245_PM_at	SLC25A34	-0.68417	5.293311	-5.11531	5.93E-07	3.94E-06	5.473404
TNFAIP3	202643_PM_s_at	3.1	1.6	9.1E-17	202772_PM_at	HMGCL	-0.68442	9.816442	-7.49605	9.35E-13	2.21E-11	18.42814
CCL18	209924_PM_at	3.1	1.6	8.0E-06	212445_PM_s_at	NEDD4L	-0.68487	8.201569	-6.74115	9.42E-11	1.49E-09	13.93405
STAT1	AFFX-HUMISGF3A/N	3.1	1.6	1.9E-11	228349_PM_at	KIAA1958	-0.6849	6.908345	-6.48586	4.16E-10	5.69E-09	12.49024
SLC1A3	202800_PM_at	3.1	1.6	1.4E-12	229493_PM_at	---	-0.68517	7.916061	-5.40363	1.43E-07	1.10E-06	6.840605
CXCR4	209201_PM_x_at	3.1	1.6	7.7E-10	231897_PM_at	PTGR1	-0.68581	10.37131	-8.84327	1.46E-08	1.41E-07	9.040052
RG519	204336_PM_s_at	3.1	1.6	5.6E-16	243951_PM_at	ABCB1	-0.68603	7.802425	-5.10043	6.37E-07	4.20E-06	5.404501
IGHA1 /// IGH0 /// IGHG1 /// IGHG2	216557_PM_x_at	3.1	1.6	4.9E-06	214203_PM_s_at	PRODH	-0.68603	6.254514	-5.52457	7.74E-08	6.32E-07	7.432097
KIAA1949	224927_PM_at	3.1	1.6	1.8E-14	203159_PM_at	GLS	-0.68604	11.62696	-6.59112	2.27E-10	3.30E-09	13.08701
EMB	226789_PM_at	3.1	1.6	1.2E-12	230956_PM_at	C11orf92	-0.68609	6.171199	-5.70263	3.08E-08	2.76E-07	8.321747
NFKB1	223217_PM_s_at	3.1	1.6	4.9E-16	214889_PM_at	FAM149A	-0.68632	7.814414	-5.6533	3.98E-08	3.48E-07	8.073061
BCL11B	219528_PM_s_at	3.1	1.6	1.1E-11	236150_PM_at	AGHPD1	-0.68645	6.926312	-5.81819	1.67E-08	1.59E-07	8.910983
GIMAP2	232024_PM_at	3.1	1.6	7.2E-16	218931_PM_at	RAB17	-0.6866	8.793809	-5.68581	3.36E-08	2.99E-07	8.236772
KLRC1 /// KLRC2	206785_PM_s_at	3.1	1.6	6.8E-12	208948_PM_s_at	STAU1	-0.68662	10.70538	-11.5802	1.82E-25	1.02E-22	47.12958
GPR183	205419_PM_at	3.1	1.6	1.6E-12	205760_PM_s_at	OGG1	-0.68693	8.22832	-6.8198	5.91E-11	9.78E-10	14.38687
TARP	209813_PM_x_at	3.1	1.7	4.8E-11	210653_PM_s_at	BCKDHB	-0.68807	7.5356	-5.57971	5.83E-08	4.91E-07	7.70518
CCL2	216598_PM_s_at	3.1	1.7	5.2E-15	236098_PM_at	LOC100130933	-0.68876	7.187156	-5.11056	6.07E-07	4.02E-06	5.451395
PTTG1	203554_PM_x_at	3.2	1.7	2.0E-12	231591_PM_at	BHMT	-0.68898	4.871505	-5.62554	4.60E-08	3.97E-07	7.933843
CTHRC1	225681_PM_at	3.2	1.7	1.3E-06	231686_PM_at	GATM	-0.689	6.29638	-5.23639	3.29E-07	3.31E-06	6.040155
ITK	211339_PM_s_at	3.2	1.7	7.5E-11	205498_PM_at	GHR	-0.68906	8.605486	-7.0845	1.20E-11	2.28E-10	15.93773
RRM2	209973_PM_s_at	3.2	1.7	1.1E-08	233319_PM_at	GPHN	-0.68938	8.6217163	-7.52814	7.63E-13	1.83E-11	18.62619
C1orf38	207571_PM_x_at	3.2	1.7	8.6E-13	227911_PM_at	ARHGAP28	-0.68957	6.596233	-5.93516	8.94E-09	9.08E-08	9.516679
TIMP1	201666_PM_at	3.2	1.7	4.1E-18	45288_PM_at	ABHD6	-0.69076	9.248009	-5.98068	6.99E-09	7.31E-08	9.75494
TNFRSF17	206641_PM_at	3.2	1.7	6.1E-07	219937_PM_at	TRHDE	-0.69094	7.414741	-5.55664	6.57E-08	5.46E-07	7.59064
HOPX	211597_PM_s_at	3.2	1.7	1.9E-14	240059_PM_at	---	-0.69114	4.589865	-5.99449	6.48E-09	6.84E-08	9.827449
RG51	202988_PM_s_at	3.2	1.7	1.5E-11	228730_PM_s_at	SCRN2	-0.69141	9.260456	-5.86126	1.33E-08	1.30E-07	9.132907
HCK	208018_PM_s_at	3.2	1.7	2.5E-12	228716_PM_at	THRB	-0.69187	8.159381	-7.63941	3.76E-13	9.74E-12	19.31732
MRC1 /// MRC1L1	204438_PM_at	3.3	1.7	1.3E-15	205352_PM_at	SERPINI1	-0.69195	6.636374	-5.4525	1.12E-07	8.76E-07	7.078348
XAF1	206133_PM_at	3.3	1.7	2.3E-11	206404_PM_at	FGF9	-0.69229	8.26875	-5.00312	1.02E-06	6.39E-06	4.958023
HLA-DQA1	203290_PM_at	3.3	1.7	4.4E-05	225150_PM_s_at	RTKN	-0.69246	7.597719	-6.24469	1.63E-09	1.96E-08	11.16377
ITGAM	205786_PM_s_at	3.3	1.7	3.5E-15	1559266_PM_s_at	C10orf140	-0.69252	5.365106	-8.02226	3.14E-14	1.01E-12	21.74409
CD27	206150_PM_at	3.3	1.7	7.5E-10	210106_PM_at	RDH5	-0.69257	7.606858	-5.78318	2.01E-08	1.88E-07	8.731474
EOMES	231776_PM_at	3.3	1.7	2.7E-12	201036_PM_s_at	HADH	-0.6934	10.60572	-7.91417	6.37E-14	1.95E-12	21.05141
NLR3	236295_PM_s_at	3.3	1.7	7.1E-13	223103_PM_at	STAR10	-0.69355	7.016323	-5.32555	2.11E-07	1.56E-06	6.464378
CLEC10A	206682_PM_at	3.3	1.7	2.9E-10	220329_PM_s_at	RMND1	-0.69361	8.040896	-6.06406	4.44E-09	4.86E-08	10.19492
FCGR3A /// FCGR3B	204006_PM_s_at	3.3	1.7	1.6E-07	230964_PM_at	FREM2	-0.69391	8.992182	-5.28948	2.53E-07	1.83E-06	6.292057
PYCARD	221666_PM_s_at	3.3	1.7	2.4E-15	203859_PM_s_at	PALM	-0.69443	7.398819	-6.32411	1.04E-09	1.31E-08	11.59649
KLR1B	214470_PM_at	3.3	1.7	4.2E-11	209577_PM_at	PCYT2	-0.6954	7.518183	-6.67449	1.39E-10	2.11E-09	13.55324
AOAH	205639_PM_at	3.3	1.7	7.1E-13	203207_PM_s_at	MTFR1	-0.69572	7.177421	-5.16417	4.68E-07	3.18E-06	5.700802
GPR18	210279_PM_at	3.4	1.7	3.9E-11	226974_PM_at	NEDD4L	-0.69623	8.810267	-6.58301	2.37E-10	3.44E-09	13.03496
SASH3	204923_PM_at	3.4	1.7	2.6E-12	227376_PM_at	GLI3	-0.69665	6.552161	-6.8909	3.87E-11	6.70E-10	14.79942
LY86	205859_PM_at	3.4	1.8	7.4E-14	238418_PM_at	SLC35B4	-0.69699	6.745201	-7.58714	5.25E-13	1.31E-11	18.99182
SAMSN1	220330_PM_s_at	3.4	1.8	7.4E-13	207981_PM_s_at	ESRRG	-0.69729	9.078122	-5.61795	4.78E-08	4.11E-07	7.895853
ITGB2	202803_PM_s_at	3.4	1.8	7.8E-13	204294_PM_at	AMT	-0.69766	8.882936	-8.79063	1.74E-16	8.46E-15	26.82684
PSMB9	204279_PM_at	3.4	1.8	3.4E-15	218789_PM_s_at	C11orf71	-0.6977	7.879145	-7.59039	5.14E-13	1.28E-11	19.01206
CD38	205692_PM_s_at	3.4	1.8	2.6E-09	216958_PM_s_at	IVD	-0.69803	8.927841	-8.02645	3.05E-14	9.85E-13	21.77102
CD48	204118_PM_at	3.4	1.8	3.6E-14	1555500_PM_s_at	SLC2A4RG	-0.69835	8.406263	-5.76512	2.22E-08	2.05E-07	8.639226
FCGR2B	210889_PM_s_at	3.4	1.8	1.9E-11	1559239_PM_s_at	ACAT1	-0.69851	5.458083	-7.16284	7.45E-12	1.48E-10	16.40451
LCPI	208885_PM_at	3.4	1.8	3.3E-13	201193_PM_at	IDH1	-0.69875	10.9166	-7.62955	4.00E-13	1.03E-11	19.25581
IGK@ /// IGKC /// LOC652493	216576_PM_x_at	3.4	1.8	1.1E-07	244565_PM_at	HMX2	-0.69879	5.028899	-5.0094	9.85E-07	6.22E-06	4.986617
BIRC3	210538_PM_s_at	3.4	1.8	4.5E-14	213874_PM_at	SERPINA4	-0.69881	4.704232	-6.79935	6.67E-11	1.09E-09	14.26877
TAP1	202307_PM_s_at	3.4	1.8	2.6E-15	227240_PM_at	NGEF	-0.69886	6.761009	-5.91499	9.96E-09	1.00E-07	9.411581
HLA-DQA1 /// HLA-DQA2	212671_PM_s_at	3.5	1.8	1.3E-11	205837_PM_at	GYPB /// GYPB	-0.69903	4.105412	-7.68998	2.72E-13	7.29E-12	19.63353
CCDC109B	218802_PM_at	3.5	1.8	1.0E-14	209916_PM_at	DHTKD1	-0.69929	9.354284	-5.53626	7.29E-08	6.00E-07	7.48981
SLA	203760_PM_s_at	3.5	1.8	3.3E-14	206709_PM_x_at	GPT	-0.69976					

LST1	210629_PM_x_at	3.8	1.9	2.9E-14	230386_PM_at	---	-0.71151	6.559368	-6.6618	1.50E-10	2.27E-09	13.48103
FCN1	205237_PM_at	3.8	1.9	1.6E-11	216012_PM_at	---	-0.71182	5.840588	-5.46542	1.05E-07	8.26E-07	7.141501
CXCL2	209774_PM_x_at	3.8	1.9	2.6E-16	205354_PM_at	GAMT	-0.71209	7.214422	-5.6374	4.33E-08	3.76E-07	7.993228
IGLC1 /// IGLL5 /// IGLV3-16 ///	215214_PM_at	3.8	1.9	5.3E-07	218862_PM_at	ASB13	-0.71222	8.846881	-8.74859	9.83E-14	2.89E-12	20.62767
HLA-DQB1	209480_PM_at	3.8	1.9	9.5E-16	221572_PM_s_at	SLC26A6	-0.713	5.953221	-6.92528	3.15E-11	5.55E-10	14.99996
MIR21	224917_PM_at	3.8	1.9	1.9E-19	220357_PM_s_at	SGK2	-0.71389	7.292425	-5.77829	2.07E-08	1.93E-07	8.706468
C3	217767_PM_at	3.8	1.9	6.8E-14	205222_PM_at	EHHADH	-0.7139	10.10965	-4.99877	1.04E-06	6.51E-06	4.938233
CARD16	1552701_PM_a_at	3.8	1.9	8.4E-15	214117_PM_s_at	BTD	-0.71418	7.553865	-5.99659	6.41E-09	6.77E-08	9.838539
RASSF2	203185_PM_at	3.8	1.9	1.9E-15	220089_PM_at	L2HGDH	-0.71419	5.616076	-7.92524	4.96E-14	1.54E-12	21.29663
ARHGAP30	226219_PM_at	3.9	1.9	5.9E-15	226478_PM_at	TM75F3	-0.71529	6.45635	-5.20795	3.78E-07	2.62E-06	5.906049
DOCK2	213160_PM_at	3.9	1.9	4.0E-15	219313_PM_at	GRAMD1C	-0.716	7.795351	-6.39775	6.88E-10	8.95E-09	12.00136
CASP1	206011_PM_at	3.9	2.0	2.5E-17	212171_PM_x_at	VEGFA	-0.71608	4.642859	-7.75635	1.77E-13	3.95E-12	20.05064
SLAMF8	219385_PM_at	3.9	2.0	8.0E-12	210408_PM_s_at	CPN6E	-0.7161	3.891808	-6.04654	4.88E-09	5.30E-08	10.10207
IGH@ /// IGHA1 /// IGHA2 ///	217281_PM_x_at	3.9	2.0	1.3E-06	227072_PM_at	RTTN	-0.71614	6.742186	-7.80447	1.30E-13	3.72E-12	20.35442
C16orf54	1559584_PM_a_at	3.9	2.0	3.1E-13	227608_PM_at	YY1AP1	-0.71649	8.784286	-5.7472	2.43E-08	2.24E-07	8.547901
	219574_PM_at	3.9	2.0	2.3E-13	206541_PM_at	KLKB1	-0.71724	6.09321	-5.96833	7.47E-09	7.74E-08	9.690172
FAM26F	228362_PM_s_at	3.9	2.0	5.0E-13	218500_PM_at	C8orf55	-0.71774	7.152423	-7.6949	2.64E-13	7.08E-12	19.66441
CYBB	203922_PM_s_at	3.9	2.0	4.3E-14	201282_PM_at	OGDH	-0.71819	7.544111	-7.01226	1.86E-11	3.43E-10	15.51044
CYTIIP	209606_PM_at	4.0	2.0	1.2E-14	209502_PM_s_at	BAIAP2	-0.7183	6.606404	-5.95494	8.03E-09	8.25E-08	9.620049
VCAN	204619_PM_s_at	4.0	2.0	1.4E-12	220441_PM_at	DNAJC22	-0.71879	7.335367	-5.09531	6.53E-07	4.30E-06	5.380854
GZMB	210164_PM_at	4.0	2.0	2.6E-10	239156_PM_at	---	-0.71909	4.642859	-8.40444	2.45E-15	9.63E-14	24.23833
TYROBP	204122_PM_at	4.0	2.0	1.9E-17	221163_PM_s_at	MLXIP1	-0.72065	6.013226	-6.58975	2.28E-10	3.32E-09	13.07299
IRF1	202531_PM_at	4.0	2.0	3.8E-14	1554485_PM_s_at	TMEM37	-0.7232	6.65862	-5.15265	4.95E-07	8.35E-06	5.647027
REG1A	209752_PM_at	4.0	2.0	6.9E-07	241428_PM_x_at	TCEA2	-0.72518	5.286691	-7.32491	2.73E-12	5.96E-11	17.38109
ARHGAP9	224451_PM_x_at	4.0	2.0	1.4E-14	221868_PM_at	PAIP2B	-0.7254	7.297703	-6.78642	7.21E-11	1.16E-09	14.19426
GBP2	202748_PM_at	4.0	2.0	8.4E-17	1570189_PM_at	LOC388387	-0.72554	4.79958	-5.10311	6.29E-07	4.16E-06	5.41691
RNASE6	213566_PM_at	4.0	2.0	5.1E-18	205012_PM_s_at	HAGH	-0.72587	9.44877	-7.19892	5.97E-12	1.20E-10	16.6206
GBP1	202269_PM_x_at	4.1	2.0	7.2E-14	213264_PM_at	PCBP2	-0.72636	9.626645	-7.50312	8.94E-13	2.12E-11	18.47174
GABBR1 /// UBD	205890_PM_s_at	4.1	2.0	1.5E-11	204867_PM_at	GCFHR	-0.72646	8.924781	-5.7971	5.83E-08	4.91E-07	7.705214
SAMHD1	204502_PM_at	4.1	2.0	7.8E-17	226591_PM_at	SNRPN	-0.72647	7.267883	-5.57125	6.09E-08	5.11E-07	7.663151
RARRES1	206392_PM_s_at	4.1	2.0	3.1E-13	214274_PM_s_at	ACAA1	-0.72697	10.78476	-6.65568	1.56E-10	2.35E-09	13.44625
LCK	204890_PM_s_at	4.1	2.0	7.0E-13	242931_PM_at	LONR3	-0.72701	7.414247	-7.52826	7.63E-13	1.83E-11	18.62696
CCL19	210072_PM_at	4.1	2.0	1.2E-10	223482_PM_at	TMEM120A	-0.72725	9.037003	-7.60865	4.58E-13	1.15E-11	19.12563
HCLS1	202957_PM_at	4.1	2.0	4.3E-17	219298_PM_at	ECHD3	-0.72756	10.14463	-6.02657	5.44E-09	5.85E-08	9.996477
MNDA	204959_PM_at	4.1	2.1	2.3E-14	228850_PM_s_at	---	-0.72762	7.961656	-5.35881	1.79E-07	1.34E-06	6.624103
XCL1	206366_PM_x_at	4.1	2.1	3.2E-12	213421_PM_x_at	PRSS3	-0.72778	5.890139	-5.87885	1.21E-08	1.19E-07	9.223932
LAPTM5	201720_PM_s_at	4.2	2.1	1.0E-15	1554652_PM_s_at	MAST4	-0.72778	5.396548	-7.38828	1.84E-12	4.13E-11	17.76691
C1orf162	228532_PM_at	4.2	2.1	7.7E-15	229851_PM_s_at	C11orf54	-0.72809	10.89215	-5.88807	1.15E-08	1.14E-07	9.271712
CIQC	225353_PM_s_at	4.2	2.1	6.1E-15	206453_PM_s_at	NDRG2	-0.72901	7.453146	-5.38713	1.55E-07	1.18E-06	6.760718
VSI64	204787_PM_at	4.2	2.1	7.7E-18	204800_PM_s_at	DHRS12	-0.72945	5.534107	-5.91678	9.97E-09	9.93E-08	9.420915
MSA6A	219666_PM_at	4.3	2.1	4.7E-17	207717_PM_s_at	PKP2	-0.73089	5.212572	-6.0774	4.12E-09	4.55E-08	10.26571
KLK1	205821_PM_at	4.3	2.1	4.0E-14	238452_PM_at	FCLRB	-0.73133	6.323654	-5.48113	9.66E-08	7.69E-07	7.218451
FGB	204988_PM_at	4.3	2.1	1.3E-08	226722_PM_at	FAM20C	-0.73198	10.13649	-7.06371	1.36E-11	2.57E-10	15.81446
CD69	209795_PM_at	4.3	2.1	1.5E-13	231930_PM_at	ELMOD1	-0.73214	4.532423	-5.42981	1.25E-07	9.74E-07	9.697781
CD3G	206804_PM_at	4.4	2.1	2.1E-14	207418_PM_s_at	DDO	-0.7324	5.208066	-5.49566	8.97E-08	7.20E-07	7.289743
FCER1G	204232_PM_at	4.4	2.1	8.5E-15	226545_PM_at	CD109	-0.73245	8.434742	-6.3398	9.56E-10	1.20E-08	11.68246
AIM2	206513_PM_at	4.4	2.1	2.2E-12	213787_PM_s_at	EBP	-0.73305	8.544039	-5.30835	2.30E-07	1.68E-06	6.382062
CD53	203416_PM_at	4.4	2.1	3.8E-18	226553_PM_at	TMPPRS2	-0.73329	8.519291	-5.10248	6.31E-07	4.17E-06	5.413993
EVI2A	204774_PM_at	4.4	2.2	6.1E-19	208002_PM_s_at	ACOT7	-0.73389	9.55977	-5.62349	4.65E-08	4.01E-07	7.923597
FRP1	205119_PM_s_at	4.5	2.2	5.1E-12	229250_PM_at	TPCN2	-0.73474	6.843389	-6.57631	2.47E-10	3.57E-09	12.99723
XCL1 /// XCL2	214567_PM_s_at	4.5	2.2	1.7E-12	213657_PM_s_at	---	-0.73564	8.736547	-6.70803	1.14E-10	1.77E-09	13.74451
CSTA	204971_PM_at	4.5	2.2	2.2E-13	223469_PM_at	PGPEP1	-0.73565	8.408109	-6.77001	7.94E-11	1.27E-09	14.09981
SELL	204563_PM_at	4.6	2.2	3.2E-12	223025_PM_s_at	AP1M1	-0.73601	5.588015	-7.0171	1.81E-11	3.34E-10	15.53899
LY96	206584_PM_at	4.6	2.2	9.1E-17	212906_PM_at	GRAMD1B	-0.73604	7.115326	-5.16867	4.58E-07	3.12E-06	5.721809
IL7R	205798_PM_at	4.6	2.2	2.6E-14	202993_PM_at	ILVBL	-0.73659	8.076787	-5.90519	1.05E-08	1.05E-07	9.36027
IL10RA	204912_PM_at	4.7	2.2	6.8E-17	230081_PM_at	PLCXD3	-0.73693	7.354637	-5.79532	1.89E-08	1.78E-07	8.79365
CTSS	202901_PM_x_at	4.7	2.2	2.0E-15	1553265_PM_at	SLC23A3	-0.7372	4.555374	-6.49166	4.02E-10	5.52E-09	12.52262
BCL2A1	205681_PM_at	4.7	2.2	4.5E-12	213374_PM_x_at	HIBCH	-0.73744	10.40679	-7.51979	8.05E-13	1.92E-11	18.57459
TNFSF13B	223501_PM_at	4.7	2.2	1.8E-14	240475_PM_at	EGOT	-0.73793	5.263309	-6.00808	6.02E-09	6.40E-08	8.98901
MIR155HG	229437_PM_at	4.8	2.3	1.4E-14	230488_PM_s_at	NCRNA00118	-0.74017	5.461607	-6.10629	3.52E-09	3.94E-08	10.41948
SLPI	203021_PM_at	4.8	2.3	2.4E-13	207673_PM_at	NPHS1	-0.74127	6.331488	-5.2524	3.04E-07	2.16E-06	6.115891
CSF2RB	205159_PM_at	4.9	2.3	2.5E-13	210045_PM_at	IDH2	-0.74198	7.845019	-6.47385	4.46E-10	6.05E-09	12.42335
EVI2B	211742_PM_s_at	5.0	2.3	1.4E-16	227439_PM_at	ANKS1B	-0.74217	5.515377	-6.48712	4.13E-10	5.65E-09	12.49727
LOC652493	216401_PM_x_at	5.2	2.4	2.4E-08	155165_PM_a_at	PGPEP1	-0.74221	5.251009	-8.29991	4.96E-15	1.85E-13	23.54927
PTPRC	207238_PM_s_at	5.2	2.4	2.4E-15	236442_PM_at	DPF3	-0.74225	5.990215	-6.19335	2.17E-09	2.54E-08	10.88622
GPR171	207651_PM_at	5.2	2.4	8.0E-15	233025_PM_at	PDZD2	-0.74235	4.839575	-5.66255	3.79E-08	3.33E-07	8.11957
CIQB	202953_PM_at	5.3	2.4	2.6E-16	221661_PM_at	SLC22A7	-0.74259	4.397647	-6.73967	9.50E-11	1.50E-09	13.92561
IGSF6	206420_PM_at	5.3	2.4	1.3E-16	225573_PM_at	ACAD11 /// NPHP3	-0.74266	9.772178	-6.36444	8.32E-10	1.06E-08	11.81781
LOC100287723	217480_PM_x_at	5.4	2.4	3.0E-09	225272_PM_at	SAT2	-0.74395	10.61999	-7.4934	9.51E-13	2.24E-11	18.41189
CORO1A	209083_PM_at	5.5	2.5	5.8E-17	222922_PM_at	KCNK3	-0.74501	5.039941	-5.98962	6.66E-09	7.00E-08	9.801876
GZMK	206666_PM_at	5.5	2.5	1.2E-14	224954_PM_at	SHMT1	-0.74602	11.22821	-6.00954	5.97E-09	6.35E-08	9.906694
ADAMDEC1	206134_PM_at	5.6	2.5	1.1E-10	220365_PM_at	ALLC	-0.74661	4.280404	-6.917	3.31E-11	5.80E-10	14.95161
GBP5	229625_PM_at	5.7	2.5	2.6E-12	241859_PM_at	PLCL1	-0.74678	5.505256	-5.96488	7.61E-09	7.86E-08	9.67209
IGLV2-23 /// LOC100293440	216984_PM_x_at	5.7	2.5	2.1E-09	225840_PM_at	TEF	-0.74841	8.134819	-6.81129	6.22E-11	1.02E-09	14.33773
CD2	205831_PM_at	5.7	2.5	7.9E-16	206363_PM_at	MAF	-0.74861	9.682955	-6.13428	3.01E-09	3.43E-08	10.56901
LYZ	213975_PM_s_at	5.8	2.5	3.2E-14	205934_PM_at	PLCL1	-0.74948	8.202087	-5.86766	1.28E-08	1.26E-07	9.165994
ISG20	204698_PM_at	5.9	2.6	2.9E-16	218596_PM_at	TBC1D13	-0.74977	8.402407	-8.46972	1.57E-15	6.37E-14	24.67126
IGKC@ /// IGKC /// IGKV3-20 ///	211644_PM_x_at	6.0	2.6	1.7E-09	228469_PM_at	PPID	-0.74994	9.171885	-7.1956	6.09E-12	1.22E-10	16.60071
FCGR1A /// FCGR1C	216950_PM_s_at	6.0	2.6	2.3E-13	221187_PM_s_at	FUZ	-0.75003	6.402873	-6.84383	5.12E-11	8.84383	14.52595
CD8A	205758_PM_at	6.0	2.6	2.0E-13	219970_PM_at	GIPC2	-0.7506	9.329099	-5.22691	3.44E-07	2.41E-06	5.995359
IDO1	210029_PM_at	6.1	2.6	1.8E-10	229107_PM_at	---	-0.75266	6.655766	-6.4454	5.24E-10	7.01E-09	12.26514
CD52	204661_PM_at</											

218756_PM_s_at	DHRS11	-0.77256	5.844036	-6.464	4.72E-10	6.37E-09	12.36848
244689_PM_at	PPARA	-0.77396	5.519666	-6.0098	5.96E-09	6.35E-08	9.908077
232269_PM_x_at	METRN	-0.77402	6.743767	-5.7183	2.83E-08	2.56E-07	8.401117
231994_PM_at	CHDH	-0.77421	8.375162	-6.47877	4.33E-10	5.90E-09	12.45071
241427_PM_x_at	---	-0.7749	5.652021	-6.44933	5.13E-10	6.87E-09	12.28694
236666_PM_s_at	LRRC108	-0.77589	5.78248	-6.79792	6.73E-11	1.10E-09	14.26057
213381_PM_at	C10orf72	-0.77691	7.246676	-7.1211	9.62E-12	1.86E-10	16.15533
218893_PM_at	ISOC2	-0.77716	8.713519	-7.68051	2.89E-13	7.70E-12	19.57424
1555490_PM_s_at	PDZD3	-0.77717	5.014733	-7.42639	1.45E-12	3.31E-11	18.00002
229845_PM_at	MAPKAP1	-0.77723	6.846257	-5.75664	2.32E-08	2.14E-07	8.596004
209691_PM_s_at	DOK4	-0.77749	6.515615	-5.88899	1.15E-08	1.13E-07	9.276489
214797_PM_s_at	CDK18	-0.7786	6.34487	-7.77466	1.58E-13	4.44E-12	20.16611
202054_PM_s_at	ALDH3A2	-0.77902	10.38282	-7.91391	6.38E-14	1.95E-12	21.04976
230069_PM_at	SFXN1	-0.77947	8.342671	-7.56248	6.14E-13	1.50E-11	18.83878
227996_PM_at	FARP1	-0.77963	8.448094	-5.09302	6.60E-07	4.34E-06	5.370247
1553364_PM_at	PNPLA1	-0.78285	4.408229	-7.40687	1.64E-12	3.71E-11	17.88053
239161_PM_at	FDX1	-0.78385	7.055147	-7.81194	1.24E-13	3.56E-12	20.40168
243755_PM_at	PRLR	-0.78403	4.786408	-6.79981	6.66E-11	1.09E-09	14.27143
229940_PM_at	SETD3	-0.78407	6.027971	-7.76303	1.70E-13	4.76E-12	20.09271
242775_PM_at	PTGR1	-0.78418	7.939338	-7.8388	1.04E-13	3.05E-12	20.57192
244128_PM_x_at	GLIS1	-0.78485	6.262319	-6.01733	5.73E-09	6.11E-08	9.947749
238163_PM_at	---	-0.78511	4.900316	-7.345	2.41E-12	5.30E-11	17.50319
215129_PM_at	PIK3C2G	-0.78581	5.03754	-6.7847	7.28E-11	1.17E-09	14.18437
207766_PM_at	CDKL1	-0.78671	5.269996	-6.78969	7.07E-11	1.15E-09	14.21311
209410_PM_s_at	GRB10	-0.78724	6.25605	-6.76311	8.27E-11	1.32E-09	14.06011
230475_PM_at	C15orf59	-0.78752	5.456838	-6.64567	1.65E-10	2.48E-09	13.38937
231275_PM_at	FLJ42875	-0.78797	5.303502	-5.87694	1.22E-08	1.20E-07	9.214018
213587_PM_s_at	ATPGV0E2	-0.78822	9.314544	-6.48026	4.30E-10	5.85E-09	12.45903
203335_PM_at	PHYH	-0.78835	10.85882	-6.66774	1.45E-10	2.19E-09	13.51482
219516_PM_at	TRPV4	-0.78839	5.177167	-8.26455	6.28E-15	2.30E-13	23.31733
239270_PM_at	PLCXD3	-0.78988	7.408487	-5.21023	3.74E-07	2.59E-06	5.916786
207463_PM_x_at	PRSS2 /// PRSS3	-0.79011	5.303339	-6.49978	3.84E-10	5.30E-09	12.56792
242414_PM_at	QPRT	-0.79266	10.46747	-5.70728	3.00E-08	2.70E-07	8.345268
1555037_PM_a_at	IDH1	-0.79313	10.32376	-7.65641	3.37E-13	8.82E-12	19.42345
227446_PM_s_at	C14orf167	-0.79339	9.474171	-8.20733	9.21E-15	3.25E-13	22.94328
1556136_PM_at	MYLK4	-0.79444	5.407345	-5.26296	2.88E-07	2.06E-06	6.165936
241369_PM_at	---	-0.79562	8.100393	-5.35449	1.83E-07	1.37E-06	6.603297
1559591_PM_s_at	CHDH	-0.79684	9.212034	-5.25372	3.02E-07	2.15E-06	6.122142
1553994_PM_at	NTSE	-0.79727	7.963726	-5.46895	1.03E-07	8.13E-07	7.158786
200659_PM_s_at	PHB	-0.79936	9.288421	-9.10553	1.93E-17	1.12E-15	28.98467
239683_PM_at	CLYBL	-0.79964	8.00267	-6.62239	1.89E-10	2.80E-09	13.25741
205910_PM_s_at	CEL	-0.8014	4.218874	-6.19378	2.17E-09	2.54E-08	10.88855
238532_PM_at	DPF3	-0.80142	5.489689	-6.10047	3.63E-09	4.06E-08	10.38848
208369_PM_s_at	GCDH	-0.80165	8.158925	-6.46542	4.68E-10	6.33E-09	12.37639
1554246_PM_at	C10orf210	-0.80339	6.104967	-5.46643	1.04E-07	8.23E-07	7.146424
236542_PM_at	---	-0.80538	5.239587	-5.15639	4.86E-07	3.30E-06	5.66449
238124_PM_at	MYOM3	-0.8076	8.105627	-5.06474	7.56E-07	4.91E-06	5.239919
221589_PM_s_at	ALDH6A1	-0.80803	11.57391	-6.55885	2.73E-10	3.91E-09	12.89897
212669_PM_at	CAMK2G	-0.80822	5.95046	-8.60118	6.43E-16	2.81E-14	25.54878
227865_PM_at	C9orf103	-0.81059	9.318443	-6.70271	1.18E-10	1.82E-09	13.71411
226492_PM_at	SEMA6D	-0.81078	8.421229	-5.26307	2.88E-07	2.06E-06	6.166473
220753_PM_s_at	CRYL1	-0.8112	11.13459	-7.00908	1.90E-11	3.49E-10	15.49169
221552_PM_at	ABHD6	-0.81121	9.030008	-7.05482	1.44E-11	2.70E-10	15.76178
242579_PM_at	BMPR1B	-0.81136	5.892815	-5.1989	3.95E-07	2.73E-06	5.86352
244742_PM_at	PAH	-0.81229	4.458177	-5.48557	9.44E-08	7.54E-07	7.240203
228740_PM_at	---	-0.81359	7.877315	-6.42542	5.88E-10	7.77E-09	12.15436
217248_PM_s_at	SLC7A8	-0.81469	4.60939	-6.58922	2.29E-10	3.33E-09	13.07
243432_PM_at	LOC642891	-0.81506	6.632588	-5.64842	4.08E-08	3.56E-07	8.048558
1555922_PM_at	C10orf114	-0.81812	5.522611	-8.07343	2.24E-14	7.39E-13	22.07397
229948_PM_at	---	-0.81946	7.399826	-7.50766	8.69E-13	2.07E-11	18.49975
208480_PM_s_at	ABCC6 /// LOC100292715	-0.81981	4.613119	-7.21711	5.33E-12	1.09E-10	16.7299
236822_PM_at	---	-0.82002	5.457329	-6.09618	3.72E-09	4.15E-08	10.36561
236775_PM_s_at	---	-0.82141	4.388461	-8.50622	1.23E-15	5.13E-14	24.91409
220510_PM_at	RHBG	-0.82206	6.985145	-6.60859	2.05E-10	3.01E-09	13.17939
211505_PM_s_at	STAU1	-0.82262	9.325707	-8.52928	1.05E-15	4.42E-14	25.06786
212951_PM_at	GPR116	-0.82389	8.408554	-6.2588	1.51E-09	1.83E-08	11.24035
228825_PM_at	PTGR1	-0.82588	7.890405	-6.30121	1.19E-09	1.47E-08	11.47133
223877_PM_at	CIQTNF7	-0.82765	4.357363	-8.50494	1.24E-15	5.15E-14	24.90558
209493_PM_at	PDZD2	-0.8284	8.163361	-6.62619	1.85E-10	2.75E-09	13.27892
226594_PM_at	---	-0.82922	10.39977	-5.77147	2.14E-08	1.99E-07	8.671653
214763_PM_at	ACOT11	-0.8304	7.308632	-6.78745	7.16E-11	1.16E-09	14.20018
1553722_PM_s_at	RNF152	-0.83059	4.682344	-6.96261	2.52E-11	4.52E-10	15.21851
206846_PM_s_at	HDAC6	-0.83311	8.581919	-7.63199	3.94E-13	1.02E-11	19.27104
230393_PM_at	CUL5	-0.83339	7.337771	-7.09492	1.13E-11	2.15E-10	15.99961
240285_PM_at	AQP2	-0.83374	4.736865	-6.8821	4.08E-11	7.02E-10	14.74818
204044_PM_at	QPRT	-0.83478	9.536937	-6.46467	4.70E-10	6.35E-09	12.37226
208318_PM_s_at	XYLB	-0.83528	4.700423	-8.86915	1.01E-16	5.10E-15	27.36102
213933_PM_at	PTGER3	-0.83545	9.108928	-5.7205	2.80E-08	2.54E-07	8.412254
230278_PM_at	---	-0.83686	6.723338	-5.3499	1.87E-07	1.40E-06	6.581245
203933_PM_at	RAB11FIP3	-0.8372	8.239497	-6.9343	2.98E-11	5.28E-10	15.05272
228806_PM_at	RORC	-0.83789	7.414462	-6.27391	1.39E-09	1.69E-08	11.32253
201035_PM_s_at	HADH	-0.83899	9.556361	-6.8245	5.75E-11	9.54E-10	14.41407
202108_PM_at	PEPD	-0.8394	10.88771	-6.65296	1.58E-10	2.38E-09	13.43076
229534_PM_at	ACOT4	-0.84042	8.268024	-5.69329	3.23E-08	2.88E-07	8.27453
200924_PM_s_at	SLC3A2	-0.84142	9.06023	-7.74255	1.91E-13	5.30E-12	19.9807
229309_PM_at	ADRB1	-0.84202	4.864561	-6.62867	1.82E-10	2.71E-09	13.293
206617_PM_s_at	RENBP	-0.84297	6.401085	-7.24258	4.56E-12	9.45E-11	16.88317
242346_PM_x_at	---	-0.84437	7.175369	-6.59074	2.27E-10	3.31E-09	13.07855
207771_PM_at	SLC5A2	-0.8459	8.235374	-5.23601	3.29E-07	2.32E-06	6.038344
205464_PM_at	SCNN1B	-0.84597	5.56212	-7.66627	3.17E-13	8.36E-12	19.48511
65517_PM_at	AP1M2	-0.84667	8.414466	-5.78156	2.03E-08	1.90E-07	8.72322
205343_PM_at	SULT1C2	-0.8478	8.951685	-6.00395	6.16E-09	6.53E-08	9.87722
204348_PM_s_at	AK3L1	-0.84935	10.71951	-5.36527	1.73E-07	1.31E-06	6.655235
1555923_PM_a_at	C10orf114	-0.84981	5.839901	-7.7392	1.98E-13	5.48E-12	19.94261
225203_PM_at	PPP1R16A	-0.84995	8.511695	-6.61569	1.96E-10	2.90E-09	13.21951
206346_PM_at	PRLR	-0.85181	4.771115	-5.84734	1.43E-08	1.39E-07	9.061032
213651_PM_at	INPP5B	-0.85181	6.53066	-6.83468	5.41E-11	9.03E-10	14.47295
223652_PM_at	AS3MT	-0.85216	8.233082	-6.90782	3.50E-11	6.11E-10	14.89804
205896_PM_at	SLC22A4	-0.85256	7.846008	-5.21553	3.64E-07	2.54E-06	5.941718
218487_PM_at	ALAD	-0.85271	10.00926	-8.01331	3.33E-14	1.07E-12	21.68649
215264_PM_at	EMX1	-0.8532	6.362016	-7.32188	2.79E-12	6.07E-11	17.36275
203516_PM_at	SNTA1	-0.85367	6.242696	-8.18496	1.07E-14	3.71E-13	22.79745
1560763_PM_at	---	-0.85414	5.586965	-6.61887	1.93E-10	2.85E-09	13.2375
242956_PM_at	IDH1	-0.85452	4.866893	-8.5377	9.92E-16	4.21E-14	25.12406
203711_PM_s_at	HIBCH	-0.85466	9.286637	-6.44982	5.11E-10	6.86E-09	12.28968

1559992_PM_a_at	---	-0.8551	7.16317	-5.54615	6.93E-08	5.72E-07	7.538715
39249_PM_at	AQP3	-0.85766	7.978857	-5.66916	3.67E-08		8.15281
231334_PM_at	---	-0.85771	5.215083	-7.1286	9.18E-12	1.79E-10	16.20007
221256_PM_s_at	DHSD3	-0.85793	7.662524	-6.75339	8.76E-11	1.39E-09	14.00431
216179_PM_x_at	---	-0.85799	6.307631	-7.35016	2.34E-12	5.15E-11	17.53456
1566472_PM_s_at	RETSAT	-0.8591	6.654174	-5.88181	1.19E-08	1.18E-07	9.239249
202920_PM_at	ANK2	-0.86112	10.68908	-5.82397	1.62E-08	1.55E-07	8.940706
210375_PM_at	PTGER3	-0.86168	8.282481	-5.53526	7.33E-08	6.03E-07	7.484874
206469_PM_x_at	AKR7A3	-0.86233	9.285497	-4.97364	1.17E-06	7.24E-06	4.82419
212503_PM_s_at	DIP2C	-0.86296	9.399323	-10.1698	8.58E-21	1.06E-18	36.5563
1552302_PM_at	TMEM106A	-0.86299	8.08638	-5.90309	1.06E-08	1.06E-07	9.349684
202830_PM_s_at	SLC37A4	-0.86321	9.857444	-6.59919	2.16E-10	3.17E-09	13.12627
232083_PM_at	KIF16B	-0.86389	7.179925	-6.24264	1.65E-09	1.98E-08	11.15265
237400_PM_at	ATP5S	-0.86471	8.397343	-7.06277	1.37E-11	2.58E-10	15.80888
225440_PM_at	AGPAT3	-0.8657	10.14101	-7.14034	8.55E-12	1.67E-10	16.27009
1559623_PM_at	C11orf54	-0.86626	5.731044	-6.11858	3.29E-09	3.71E-08	10.48509
1555252_PM_a_at	TRPM3	-0.86692	4.655953	-7.28589	3.49E-12	7.42E-11	17.14461
235471_PM_at	C10orf72	-0.86709	6.119464	-6.71531	1.10E-10	1.70E-09	13.78614
219051_PM_x_at	METRN	-0.86893	6.455694	-5.50152	8.71E-08	7.01E-07	7.318555
215700_PM_x_at	CPNE6	-0.86983	4.854156	-7.2398	4.64E-12	9.57E-11	16.86641
219281_PM_at	MSRA	-0.87027	10.98963	-6.52613	3.30E-10	4.64E-09	12.71531
205777_PM_at	DUSP9	-0.87051	6.654757	-5.09474	6.55E-07	4.31E-06	5.378205
239847_PM_at	---	-0.87265	6.235011	-8.66844	4.05E-16	1.84E-14	26.00074
242123_PM_at	PAQR7	-0.87279	7.622024	-6.83086	5.54E-11	9.22E-10	14.45089
209347_PM_s_at	MAF	-0.87291	4.630703	-7.27412	3.75E-12	7.93E-11	17.0735
235015_PM_at	---	-0.87296	4.436216	-7.70415	2.48E-13	6.72E-12	19.72239
212504_PM_at	DIP2C	-0.8733	8.605272	-10.0235	2.54E-20	2.74E-18	35.49245
220335_PM_x_at	CES3	-0.87386	8.106268	-7.24114	4.60E-12	9.51E-11	16.87446
211689_PM_s_at	TMPPRS2	-0.87484	5.569857	-7.1151	9.97E-12	1.92E-10	16.11965
239178_PM_at	FGF9	-0.87489	6.110195	-5.48656	9.40E-08	7.51E-07	7.245077
202733_PM_at	P4HA2	-0.87523	9.413746	-8.9953	4.19E-17	2.29E-15	28.22467
203814_PM_s_at	NQO2	-0.87527	10.77808	-6.20084	2.08E-09	2.45E-08	10.9266
229526_PM_at	AQP11	-0.87821	7.666879	-5.19334	4.06E-07	2.79E-06	5.837389
224411_PM_at	PLA2G12B	-0.87994	5.62949	-5.40449	1.42E-07	1.10E-06	6.844784
228293_PM_at	DEPDC7	-0.87999	7.534641	-5.5014	8.71E-08	7.01E-07	7.317936
242993_PM_at	---	-0.88205	4.56404	-7.25789	4.15E-12	8.69E-11	16.97546
232235_PM_at	DSEL	-0.88508	7.882925	-5.82752	1.59E-08	1.53E-07	8.958951
227451_PM_s_at	CCDC90A	-0.88672	8.102646	-6.94032	2.88E-11	5.11E-10	15.0879
203157_PM_s_at	GLS	-0.88678	9.431458	-5.24032	3.22E-07	2.27E-06	6.058716
205657_PM_at	HAAO	-0.88836	5.506515	-8.07942	2.15E-14	7.12E-13	22.11267
230883_PM_at	NXPH2	-0.88984	9.495925	-5.56356	6.34E-08	5.29E-07	7.62499
207560_PM_at	SLC28A1	-0.89199	6.187734	-6.82281	5.81E-11	9.62E-10	14.40428
244337_PM_at	---	-0.89304	6.24417	-6.30738	1.15E-09	1.42E-08	11.50499
1555868_PM_at	---	-0.89309	5.443626	-6.91822	3.29E-11	5.76E-10	14.95871
219076_PM_s_at	PXMP2	-0.8935	9.587542	-7.42691	1.45E-12	3.30E-11	18.00324
209123_PM_at	QDPR	-0.89437	10.66866	-8.16722	1.20E-14	4.12E-13	22.68195
223824_PM_at	RNLS	-0.89454	8.691468	-9.1984	9.99E-18	6.12E-16	29.62873
217127_PM_at	CTH	-0.89484	7.377566	-6.63181	1.79E-10	2.66E-09	13.3108
214433_PM_s_at	SELENBP1	-0.89709	9.524392	-8.29794	5.02E-15	1.86E-13	23.53638
229634_PM_at	TMEM139	-0.89776	7.444071	-5.67538	3.55E-08	3.14E-07	8.184152
223194_PM_s_at	SLC22A23	-0.8991	7.325983	-7.63902	3.77E-13	9.75E-12	19.31487
216316_PM_x_at	GK /// GK3P	-0.89932	5.443838	-5.60499	5.12E-08	4.37E-07	7.83114
233059_PM_at	---	-0.89959	7.999292	-5.8715	1.26E-08	1.24E-07	9.185862
1553989_PM_a_at	ATP6V1C2	-0.90365	6.577598	-5.41641	1.34E-07	1.04E-06	6.902642
238518_PM_x_at	GLYTK	-0.90523	7.529695	-6.72267	1.05E-10	1.64E-09	13.82822
222344_PM_at	---	-0.90587	6.688373	-6.96944	2.41E-11	4.35E-10	15.25856
226030_PM_at	ACAD5B	-0.90711	10.22742	-7.92358	5.99E-14	1.84E-12	21.1115
243901_PM_at	ALDOB	-0.90891	5.445885	-5.70131	3.10E-08	2.78E-07	8.315082
220331_PM_at	CYP46A1	-0.91006	5.035565	-8.25478	6.71E-15	2.44E-13	23.25335
1552303_PM_a_at	TMEM106A	-0.91073	7.110525	-7.24165	4.58E-12	9.50E-11	16.87757
217427_PM_s_at	HIRA	-0.91217	6.680399	-5.0707	7.35E-07	4.78E-06	5.267373
210544_PM_s_at	ALDH3A2	-0.91226	8.60548	-8.66576	4.50E-11	7.66E-10	14.6532
1554938_PM_a_at	ACOT11	-0.91413	4.561682	-8.22275	8.31E-15	2.96E-13	23.0439
204588_PM_s_at	SLC7A7	-0.91426	10.75127	-5.05678	7.86E-07	5.08E-06	5.203366
214088_PM_s_at	FUT3	-0.91458	6.39343	-6.18588	2.27E-09	2.64E-08	10.84596
235512_PM_at	---	-0.91512	7.454591	-7.6098	4.54E-13	1.15E-11	19.13279
240069_PM_at	---	-0.91581	5.68119	-7.24648	4.45E-12	9.25E-11	16.90664
229620_PM_at	SEPP1	-0.91587	7.092271	-8.13905	1.45E-14	4.92E-13	22.4989
229954_PM_at	CHDH	-0.91774	9.087227	-4.99317	1.06E-06	6.66E-06	4.91277
1558404_PM_at	LOC644242	-0.91789	6.150855	-6.53406	3.15E-10	4.44E-09	12.75976
205848_PM_at	GAS2	-0.91798	5.855395	-6.86015	4.65E-11	7.89E-10	14.62605
204374_PM_s_at	GALK1	-0.91943	5.236309	-9.20703	9.40E-18	5.81E-16	29.68879
222325_PM_at	---	-0.91973	7.145932	-5.04881	8.16E-07	5.26E-06	5.16677
210130_PM_s_at	TM7SF2	-0.92076	7.964303	-7.88856	7.53E-14	2.26E-12	20.88817
211569_PM_s_at	HADH	-0.92169	9.870573	-7.73353	2.06E-13	5.65E-12	19.90698
240873_PM_x_at	DAB2	-0.9223	8.704692	-5.68839	3.32E-08	2.95E-07	8.249769
221041_PM_s_at	SLC17A5	-0.92239	7.492287	-6.36346	8.36E-10	1.07E-08	11.81243
229759_PM_s_at	VEPH1	-0.92484	6.802231	-6.01215	5.89E-09	6.27E-08	9.920426
223549_PM_s_at	ESPN	-0.92539	5.15527	-7.52909	7.59E-13	1.82E-11	18.63211
1553970_PM_s_at	CEL	-0.92813	4.697916	-5.91566	9.93E-09	9.99E-08	9.415066
207076_PM_s_at	ASS1	-0.92826	12.36004	-6.37313	7.92E-10	1.02E-08	11.86562
220186_PM_s_at	CDHR2	-0.92939	6.750111	-6.04	5.06E-09	5.47E-08	10.06748
230481_PM_at	ACY3	-0.93291	7.845946	-5.21229	3.70E-07	2.57E-06	5.926473
213591_PM_at	ALDH7A1	-0.93321	6.165228	-8.22535	8.16E-15	2.92E-13	23.0609
210227_PM_at	DLGAP2	-0.93336	4.172293	-8.43502	1.99E-15	7.94E-14	24.44091
236741_PM_at	WDR72	-0.93454	7.15019	-5.37673	1.64E-07	1.24E-06	6.710504
214343_PM_s_at	ATXN7L1	-0.93618	5.398008	-6.38483	7.41E-10	9.57E-09	11.93007
231052_PM_at	GLOD5	-0.93642	6.474867	-5.63252	4.44E-08	3.84E-07	7.968813
227522_PM_at	CMBL	-0.9376	11.34125	-6.88183	4.08E-11	7.02E-10	14.74661
236660_PM_at	---	-0.93778	6.542332	-6.40651	6.55E-10	8.56E-09	12.04975
242103_PM_at	TMEM86A	-0.93813	5.30711	-8.75433	2.24E-16	1.07E-14	26.58073
211465_PM_x_at	FUT6	-0.93855	9.002452	-5.07547	7.19E-07	4.68E-06	5.289319
202862_PM_at	FAH	-0.93865	8.874851	-6.82724	5.66E-11	9.40E-10	14.42989
217167_PM_x_at	GK	-0.9393	7.39695	-5.74252	2.50E-08	2.29E-07	8.524096
219188_PM_s_at	MACROD1	-0.93952	7.674996	-6.94345	2.82E-11	5.03E-10	15.10622
237108_PM_x_at	FLJ42875	-0.94116	7.384567	-5.40333	1.43E-07	1.10E-06	6.83917
232122_PM_s_at	VEPH1	-0.94282	7.654981	-7.30436	3.11E-12	6.71E-11	17.25645
207249_PM_s_at	SLC28A2	-0.94313	4.647982	-5.90111	1.07E-08	1.07E-07	9.339423
1563104_PM_at	---	-0.94392	6.014868	-5.27403	2.73E-07	1.97E-06	6.218506
216733_PM_s_at	GATM	-0.94427	12.04799	-5.48122	9.66E-08	7.69E-07	7.218853
236360_PM_at	FLJ42875	-0.94489	6.072139	-5.19662	3.99E-07	2.75E-06	5.852796
213724_PM_s_at	PDK2	-0.94586	6.418366	-7.76899	1.63E-13	4.57E-12	20.136
242341_PM_x_at	GLYTK	-0.94669	7.049914	-7.15798	7.67E-12	1.52E-10	16.37544
1553995_PM_a_at	NTSE	-0.94736	6.993969	-6.57251	2.52E-10	3.64E-09	12.97584
232206_PM_at	ULK4	-0.94791	4.925392	-9.03617	3.14E-17	1.77E-15	28.50587

209981_PM_at	CSDC2	-0.94793	6.216678	-6.35362	8.84E-10	1.12E-08	11.75834
211527_PM_x_at	VEGFA	-0.94803	6.033501	-6.39389	7.04E-10	9.13E-09	11.98004
209645_PM_s_at	ALDH1B1	-0.94806	7.086097	-6.07278	4.23E-09	4.65E-08	10.24117
244353_PM_s_at	SLC2A12	-0.94815	6.58001	-7.58513	5.32E-13	1.32E-11	18.97934
235758_PM_at	LOC100287428	-0.94843	7.284677	-6.88371	4.04E-11	6.96E-10	14.75754
227296_PM_at	MFSO3	-0.94903	5.75444	-7.42881	1.43E-12	3.27E-11	18.01484
220554_PM_at	SLC22A7	-0.95229	7.90389	-5.09327	6.60E-07	4.34E-06	5.371405
216452_PM_at	TRPM3	-0.95273	8.630942	-5.61527	4.85E-08	4.16E-07	7.882486
238498_PM_at	---	-0.95337	5.837138	-8.00633	3.48E-14	1.11E-12	21.64162
220303_PM_at	PDZD3	-0.95362	6.722818	-6.95206	2.68E-11	4.79E-10	15.15665
209980_PM_s_at	SHMT1	-0.95378	9.433876	-5.22756	3.43E-07	2.40E-06	5.998447
221627_PM_at	TRIM10	-0.95437	6.643497	-6.25581	1.53E-09	1.85E-08	11.22411
218489_PM_s_at	ALAD	-0.95457	5.484481	-7.66378	3.22E-13	8.47E-12	19.46954
223704_PM_s_at	DMRT2	-0.95663	7.454307	-5.49101	9.19E-08	7.36E-07	7.266915
204130_PM_at	HSD11B2	-0.95773	10.06505	-5.99206	6.57E-09	6.93E-08	9.81472
219268_PM_at	ETNK2	-0.95874	7.233554	-5.36362	1.75E-07	1.32E-06	6.647284
205985_PM_x_at	CLCNKB	-0.95961	8.045655	-5.61985	4.74E-08	4.08E-07	7.905375
206085_PM_s_at	CTH	-0.96027	5.715472	-5.34439	1.92E-07	1.43E-06	6.554762
236548_PM_at	GIPC2	-0.9613	8.490086	-5.28239	2.62E-07	1.89E-06	6.258274
213869_PM_x_at	THY1	-0.96149	9.786475	-7.23491	4.78E-12	9.85E-11	16.83693
218261_PM_at	AP1M2	-0.96427	8.09107	-5.73268	2.63E-08	2.39E-07	8.474061
236586_PM_at	---	-0.96493	5.380366	-7.79295	1.40E-13	3.96E-12	20.2816
209368_PM_at	EPHX2	-0.96563	9.446034	-6.47126	4.52E-10	6.13E-09	12.40891
223290_PM_at	PDXP /// SH3BP1	-0.96566	6.916754	-8.34548	3.65E-15	1.39E-13	23.84904
228882_PM_at	TUB	-0.96609	7.899358	-8.13057	1.53E-14	5.19E-13	22.44387
219054_PM_at	C5orf23	-0.96617	10.36279	-5.53271	7.42E-08	6.09E-07	7.472242
207444_PM_at	SLC22A13	-0.96688	4.761782	-8.78206	1.85E-16	8.95E-15	26.76865
227629_PM_at	PRLR	-0.96971	8.686738	-5.58429	5.69E-08	4.81E-07	7.727968
1563367_PM_at	LOC100128977	-0.96988	4.172669	-8.55117	9.05E-16	3.85E-14	25.21407
218844_PM_at	ACSF2	-0.97148	10.00408	-5.74872	2.42E-08	2.22E-07	8.555643
239420_PM_at	---	-0.97315	6.554284	-5.29004	2.52E-07	1.83E-06	6.294726
215728_PM_s_at	ACOT7	-0.97553	7.182666	-5.21596	3.63E-07	2.53E-06	5.943757
205355_PM_at	ACADS	-0.97905	8.381611	-6.8579	4.71E-11	7.98E-10	14.60755
1553153_PM_at	ATP6V0D2	-0.97969	8.840033	-6.08438	3.97E-09	4.39E-08	10.30279
229962_PM_at	LRR37A3	-0.97971	6.215254	-8.7072	3.10E-16	1.44E-14	26.26209
221636_PM_s_at	MOSC2	-0.98035	10.22659	-8.10438	1.82E-14	6.12E-13	22.27415
227463_PM_at	ACE	-0.98505	5.800516	-5.29958	2.41E-07	1.75E-06	6.340176
213658_PM_at	---	-0.98818	7.077632	-7.59757	4.91E-13	1.23E-11	19.05669
228918_PM_at	LOC100288617	-0.98943	7.623673	-6.42031	6.05E-10	7.97E-09	12.12608
236044_PM_at	PPAPDC1A	-0.98947	6.633783	-8.49208	1.35E-15	5.56E-14	24.81995
227055_PM_at	METTL7B	-0.99039	8.970607	-5.21491	3.65E-07	2.54E-06	5.938788
240422_PM_at	---	-0.99313	5.737255	-5.26201	2.90E-07	2.07E-06	6.161421
219891_PM_at	PGPEP1	-0.99374	7.922082	-8.37653	2.96E-15	1.15E-13	24.05386
242525_PM_at	SLC2A5	-0.9938	6.112635	-5.29317	2.48E-07	1.80E-06	6.309645
211136_PM_s_at	CLPTM1	-0.99612	6.417217	-7.23261	4.85E-12	9.96E-11	16.82313
230971_PM_x_at	GLTPD2	-0.9964	6.414569	-8.89467	8.46E-17	4.35E-15	27.53523
222078_PM_at	PKLR	-0.99826	6.344428	-6.64109	1.69E-10	2.54E-09	13.36342
226618_PM_at	UBE2QL1	-0.99882	5.03735	-7.51479	8.31E-13	1.98E-11	18.54375
208851_PM_s_at	THY1	-1.00167	9.124295	-7.24639	4.45E-12	9.25E-11	16.90613
226737_PM_at	SLC25A42	-1.00203	7.268527	-7.08761	1.18E-11	2.24E-10	15.95619
239065_PM_at	---	-1.00244	6.84636	-6.45798	4.88E-10	6.57E-09	12.33505
226212_PM_s_at	INSR	-1.0025	6.012146	-7.53289	7.41E-13	1.78E-11	18.65557
211478_PM_s_at	DPP4	-1.00434	8.620692	-5.7242	2.75E-08	2.49E-07	8.431038
203747_PM_at	AQP3	-1.00492	8.136055	-5.97226	7.31E-09	7.61E-08	9.710752
214598_PM_at	CLDN8	-1.00563	9.36437	-5.61966	4.74E-08	4.08E-07	7.904395
230840_PM_at	LOC388588	-1.00581	6.346435	-6.92513	3.15E-11	5.55E-10	14.99907
1553155_PM_x_at	ATP6V0D2	-1.01106	8.683279	-5.96212	7.73E-09	7.97E-08	9.657634
216381_PM_x_at	AKR7A3	-1.01114	9.280893	-5.84136	1.48E-08	1.43E-07	9.030229
215321_PM_at	RUNDC3B	-1.01212	6.260606	-7.60241	4.76E-13	1.20E-11	19.08675
241703_PM_at	RUNDC3B	-1.01293	7.062915	-6.93472	2.98E-11	5.27E-10	15.05515
1562953_PM_s_at	C4orf12	-1.0132	7.499228	-7.73827	1.99E-13	5.50E-12	19.93679
205208_PM_at	ALDH1L1	-1.01323	9.448422	-6.012	5.89E-09	6.27E-08	9.919668
218687_PM_s_at	MUC13	-1.01533	5.970473	-5.73709	2.57E-08	2.34E-07	8.496513
1558053_PM_s_at	TMED4	-1.01618	5.825349	-8.48268	1.44E-15	5.87E-14	24.75738
214681_PM_at	GK	-1.01702	9.403707	-6.16891	2.49E-09	2.88E-08	10.75472
204973_PM_at	GIB1	-1.01707	7.212284	-8.4929	1.35E-15	5.53E-14	24.82541
206089_PM_at	NELL1	-1.01795	6.952784	-6.14632	2.82E-09	3.22E-08	10.63349
220740_PM_s_at	SLC12A6	-1.02221	5.307689	-8.24407	7.20E-15	2.60E-13	23.18329
203722_PM_at	ALDH4A1	-1.02241	9.166717	-5.635	4.38E-08	3.80E-07	7.981207
217289_PM_s_at	SLC37A4	-1.02298	8.342776	-5.65091	4.03E-08	3.52E-07	8.061054
205364_PM_at	ACOX2	-1.0233	9.35421	-6.73562	9.73E-11	1.53E-09	13.90239
236843_PM_at	NOX4	-1.02351	8.032928	-5.01201	9.73E-07	6.15E-06	4.99854
237058_PM_x_at	SLC6A13	-1.02395	11.66693	-5.59931	5.27E-08	4.48E-07	7.80282
241401_PM_at	C4orf12	-1.02448	6.692992	-5.76037	2.27E-08	2.10E-07	8.614985
240378_PM_at	---	-1.02486	6.972066	-5.67125	3.63E-08	3.20E-07	8.163352
231693_PM_at	FABP1	-1.02509	4.929889	-6.02059	5.62E-09	6.02E-08	9.96493
228713_PM_s_at	HSD17B14	-1.02523	7.682616	-6.56633	2.62E-10	3.76E-09	12.94103
237447_PM_at	C22orf45	-1.02762	5.358811	-6.69214	1.26E-10	1.92E-09	13.65378
231208_PM_at	---	-1.02834	5.447252	-6.14429	2.85E-09	3.26E-08	10.62262
227247_PM_at	PLEKHA8	-1.02895	6.637236	-8.20039	9.64E-15	3.39E-13	22.89803
224460_PM_s_at	L2HGDH	-1.03107	5.70567	-6.27452	1.38E-09	1.69E-08	11.32585
235256_PM_s_at	GALM	-1.03377	9.883535	-7.56144	6.18E-13	1.51E-11	18.83236
206955_PM_at	AQP7	-1.03387	6.373734	-8.24554	7.13E-15	2.58E-13	23.19292
238428_PM_at	KCNJ15	-1.03422	9.115898	-5.9023	1.07E-08	1.07E-07	9.345587
216010_PM_x_at	FUT3	-1.03459	5.294641	-7.30129	3.17E-12	6.83E-11	17.23788
233528_PM_s_at	GATSL3 /// TBC1D10A	-1.03488	4.993549	-6.59607	2.20E-10	3.22E-09	13.10861
204347_PM_at	AK3L1	-1.03557	9.327959	-6.08909	3.87E-09	4.29E-08	10.32788
201562_PM_s_at	SORD	-1.0373	9.518844	-5.67042	3.64E-08	3.21E-07	8.159148
224412_PM_s_at	TRPM6	-1.03745	4.260848	-9.02854	3.31E-17	1.85E-15	28.45335
239291_PM_at	---	-1.04019	7.599088	-5.82128	1.64E-08	1.57E-07	8.926862
214475_PM_x_at	CAPN3	-1.04088	9.98884	-5.20097	3.91E-07	2.70E-06	5.873224
223636_PM_at	ZMYND12	-1.04106	6.728744	-7.6905	2.71E-13	7.27E-12	19.63682
244627_PM_at	DAK	-1.04184	5.201557	-7.94422	5.24E-14	1.62E-12	21.24337
202017_PM_at	EPHX1	-1.04264	6.240511	-8.10323	1.84E-14	6.16E-13	22.26671
210398_PM_x_at	FUT6	-1.04373	5.58785	-6.94293	2.83E-11	5.04E-10	15.10321
201551_PM_s_at	LAMP1	-1.04413	6.511663	-5.21224	3.70E-07	2.57E-06	5.926243
211882_PM_x_at	FUT6	-1.04446	5.503161	-7.64644	3.60E-13	9.32E-12	19.36118
217973_PM_at	DCXR	-1.04494	10.71301	-6.27372	1.39E-09	1.69E-08	11.32147
211885_PM_x_at	FUT6	-1.04541	5.346025	-7.24468	4.50E-12	9.34E-11	16.89583
219541_PM_at	LIME1	-1.04546	7.596297	-6.88517	4.00E-11	6.92E-10	14.76603
205666_PM_at	FMO1	-1.0487	11.11308	-4.96375	1.22E-06	7.55E-06	4.779428
205278_PM_at	GAD1	-1.04919	4.831306	-6.93039	3.05E-11	5.40E-10	15.02984
1552532_PM_a_at	ATP6V1C2	-1.05001	5.80298	-6.17329	2.43E-09	2.82E-08	10.77823
230763_PM_at	SPATA17	-1.05054	6.136747	-6.69143	1.26E-10	1.93E-09	13.64974
201309_PM_x_at	C5orf13	-1.05117	6.840063	-6.67219	1.41E-10	2.14E-09	13.54012

210063_PM_at	SARDH	-1.05147	5.31173	-8.44338	1.88E-15	7.52E-14	24.49633
220727_PM_at	KCNK10	-1.05295	6.068016	-7.43871	1.34E-12	3.09E-11	18.07555
218021_PM_at	DHRS4 /// DHRS4L2	-1.05336	10.11579	-7.73457	2.04E-13	5.62E-12	19.91354
230995_PM_at	CMBL	-1.05423	5.846625	-7.69486	2.64E-13	7.08E-12	19.66417
205473_PM_at	ATP6V1B1	-1.05541	6.948203	-7.47441	1.07E-12	2.51E-11	18.29486
219739_PM_at	RNF186	-1.0561	8.33771	-5.5692	6.15E-08	5.16E-07	7.652951
205860_PM_x_at	FOLH1	-1.05683	8.290777	-5.59082	5.51E-08	4.66E-07	7.760469
1552713_PM_a_at	SLC4A1	-1.05689	4.794322	-7.58005	5.49E-13	1.36E-11	18.94784
240661_PM_at	LOC284475	-1.05717	5.308154	-8.67974	3.75E-16	1.71E-14	26.07688
202740_PM_at	ACY1	-1.05984	11.36516	-5.6138	4.89E-08	4.19E-07	7.875113
204817_PM_at	ESPL1	-1.06188	6.055682	-6.13313	3.03E-09	3.45E-08	10.56286
206610_PM_s_at	F11	-1.06217	5.955398	-8.35645	3.39E-15	1.30E-13	23.92137
229432_PM_at	NAGS	-1.06218	7.036236	-6.73971	9.50E-11	1.50E-09	13.92581
202590_PM_s_at	PDK2	-1.06366	7.878836	-8.81417	1.48E-16	7.21E-15	26.98673
221588_PM_x_at	ALDH6A1	-1.066	11.21833	-6.3988	6.84E-10	8.90E-09	12.00715
229337_PM_at	USP2	-1.06608	7.755926	-6.36879	8.11E-10	1.04E-08	11.8417
220310_PM_at	TUBAL3	-1.06853	7.364776	-5.34359	1.93E-07	1.44E-06	6.550916
211549_PM_s_at	HPGD	-1.06927	7.85397	-5.24499	3.15E-07	2.23E-06	6.080787
211712_PM_s_at	ANXA9	-1.07214	7.744761	-7.33874	2.51E-12	5.49E-11	17.46511
242269_PM_at	FLJ42875	-1.07222	5.909787	-5.96914	7.44E-09	7.72E-08	9.694374
210165_PM_at	DNASE1	-1.07222	5.588834	-5.95647	7.97E-09	8.20E-08	9.628025
203716_PM_s_at	DPP4	-1.07347	8.890158	-7.66099	3.28E-13	8.60E-12	19.45211
238081_PM_at	C4orf12	-1.07433	7.606497	-8.01002	3.40E-14	1.09E-12	21.66537
228989_PM_at	C18orf56	-1.07588	5.421243	-7.67274	3.04E-13	8.04E-12	19.52561
1556346_PM_at	---	-1.07713	5.873698	-7.10112	1.09E-11	2.08E-10	16.03648
219796_PM_s_at	CDHRS	-1.07909	7.434124	-5.73029	2.66E-08	2.42E-07	8.461924
222712_PM_s_at	MUC13	-1.08281	5.022426	-5.26874	2.80E-07	2.01E-06	6.19385
209696_PM_at	FBP1	-1.08486	10.48592	-6.34808	9.12E-10	1.16E-08	11.72792
211548_PM_s_at	HPGD	-1.08598	8.988715	-6.93055	3.05E-11	5.39E-10	15.03074
202889_PM_x_at	MAP7	-1.08699	6.842032	-5.82124	1.65E-08	1.57E-07	8.926634
207387_PM_s_at	GK	-1.08814	7.629138	-5.7505	2.39E-08	2.20E-07	8.56472
220074_PM_at	CDHRS	-1.08847	7.425675	-6.09314	3.78E-09	4.21E-08	10.34942
219655_PM_at	C7orf10	-1.08943	8.944419	-7.00915	1.90E-11	3.49E-10	15.49212
203914_PM_x_at	HPGD	-1.09183	9.304844	-6.70379	1.17E-10	1.81E-09	13.72026
215363_PM_x_at	FOLH1	-1.09215	8.345886	-5.52955	7.54E-08	6.18E-07	7.456673
206030_PM_at	ASPA	-1.09221	9.406132	-7.89591	7.18E-14	2.16E-12	20.93499
206065_PM_s_at	DPYS	-1.09384	10.66672	-4.99669	1.03E-06	6.48E-06	9.42446
215977_PM_x_at	GK	-1.09437	7.423289	-5.9539	8.08E-09	8.29E-08	9.614623
207567_PM_at	SLC13A2	-1.09455	5.270771	-7.40435	1.66E-12	3.76E-11	17.86514
219722_PM_s_at	GDPD3	-1.09459	7.381153	-7.0817	1.22E-11	2.32E-10	15.92111
226613_PM_at	GATSL3 /// TBC1D10A	-1.09479	5.493566	-7.59963	4.85E-13	1.22E-11	19.06951
226649_PM_at	PANK1	-1.09833	8.982175	-8.27857	5.72E-15	2.11E-13	23.40922
220625_PM_s_at	ELFS	-1.09834	6.266273	-5.45438	1.11E-07	8.68E-07	7.087558
242967_PM_at	---	-1.09895	7.500755	-5.04511	8.31E-07	5.34E-06	5.149823
217487_PM_x_at	FOLH1	-1.09949	6.568366	-5.50472	8.57E-08	6.91E-07	7.334302
231070_PM_at	IYD	-1.10028	7.366886	-5.44014	1.19E-07	9.27E-07	7.018061
231337_PM_at	---	-1.10095	6.201944	-7.10039	1.09E-11	2.09E-10	16.03209
237799_PM_at	SLC22A12	-1.10136	7.101226	-5.39383	1.50E-07	1.15E-06	6.79317
215471_PM_s_at	MAP7	-1.10178	6.254556	-5.41129	1.38E-07	1.06E-06	6.877775
226325_PM_at	ADSSL1	-1.10233	8.638921	-6.48287	4.23E-10	5.77E-09	12.47358
226597_PM_at	REEP6	-1.10269	7.965621	-5.92389	9.50E-09	9.60E-08	9.457942
243708_PM_at	TMEM132E	-1.10309	5.500594	-8.87592	9.64E-17	4.91E-15	27.40722
1554974_PM_at	ACY3	-1.10598	7.428522	-6.50259	3.78E-10	5.22E-09	12.58362
1552510_PM_at	SLC34A3	-1.10614	7.614343	-8.47594	1.51E-15	6.13E-14	24.71256
205750_PM_at	BPHL	-1.10737	6.653252	-8.01508	3.29E-14	1.06E-12	21.6979
206527_PM_at	ABAT	-1.1079	6.265381	-7.9887	3.91E-14	1.24E-12	21.52839
227417_PM_at	MOSC2	-1.1081	9.342265	-8.30034	4.94E-15	1.84E-13	23.55214
234310_PM_s_at	SUSD2	-1.10847	5.352621	-8.53321	1.02E-15	4.32E-14	25.09407
215966_PM_x_at	GK3P	-1.11106	6.891062	-6.62376	1.87E-10	2.78E-09	13.2652
204290_PM_s_at	ALDH6A1	-1.11239	10.39173	-6.16966	2.48E-09	2.87E-08	10.75875
219527_PM_at	MOSC2	-1.11625	9.348184	-7.93516	5.56E-14	1.71E-12	21.18549
237350_PM_at	TTTC36	-1.11829	6.659451	-7.2202	5.23E-12	1.07E-10	16.74848
207184_PM_at	SLC6A13	-1.11854	8.158808	-6.21771	1.90E-09	2.25E-08	11.01771
204430_PM_s_at	SLC2A5	-1.12366	8.700071	-7.24156	4.59E-12	9.50E-11	16.87703
228375_PM_at	IGSF11	-1.12478	6.974525	-6.36252	8.41E-10	1.07E-08	11.80721
211028_PM_s_at	KHK	-1.12509	9.560615	-5.63146	4.46E-08	3.86E-07	7.963491
240060_PM_at	---	-1.12559	6.818277	-6.83511	5.40E-11	9.02E-10	14.47547
207174_PM_at	GPCS	-1.12738	7.294199	-5.02043	9.35E-07	5.93E-06	5.036921
213967_PM_at	RALYL	-1.12937	7.68126	-6.29057	1.26E-09	1.55E-08	11.41328
1563792_PM_at	---	-1.13325	6.494743	-7.58328	5.38E-13	1.34E-11	18.96786
242478_PM_at	---	-1.13689	4.516335	-8.47411	1.53E-15	6.20E-14	24.70039
206522_PM_at	MGAM	-1.13707	9.015536	-5.46491	1.05E-07	8.28E-07	7.138989
219732_PM_at	LPPR1	-1.13843	8.589305	-5.92615	9.38E-09	9.49E-08	9.469719
212703_PM_at	TLN2	-1.13929	8.616891	-8.78026	1.87E-16	9.05E-15	26.75646
230782_PM_at	SORD	-1.14527	5.904848	-6.71901	1.07E-10	1.67E-09	13.8073
209309_PM_at	AZGP1	-1.14593	9.681298	-5.35786	1.80E-07	1.35E-06	6.619513
224497_PM_x_at	HSD17B14	-1.14841	7.371084	-6.66518	1.47E-10	2.23E-09	13.50025
216223_PM_at	CPN2	-1.14956	6.080643	-5.88682	1.16E-08	1.15E-07	9.265214
205336_PM_at	PVALB	-1.14994	8.727848	-5.68324	3.41E-08	3.02E-07	8.223812
220116_PM_at	KCNN2	-1.14997	4.948079	-7.1453	8.29E-12	1.63E-10	16.2997
230565_PM_at	ATP6V1G3	-1.15064	8.91924	-6.25151	1.57E-09	1.90E-08	11.20079
227695_PM_at	GLYATL1	-1.15158	9.147224	-5.33154	2.05E-07	1.52E-06	6.493051
219789_PM_at	NPR3	-1.15502	8.691755	-6.09642	3.71E-09	4.14E-08	10.36692
241547_PM_at	---	-1.15673	7.426753	-5.46409	1.05E-07	8.31E-07	7.13498
232398_PM_at	CCDC150	-1.16094	5.687259	-7.28687	3.46E-12	7.38E-11	17.15055
242601_PM_at	HEPACAM2	-1.16163	7.122529	-6.06685	4.37E-09	4.80E-08	10.20972
205506_PM_at	VIL1	-1.16213	6.954061	-6.19745	2.12E-09	2.49E-08	10.90833
205306_PM_x_at	KMO	-1.16327	8.916415	-5.84754	1.43E-08	1.39E-07	9.062105
221848_PM_at	ZGPAT	-1.1644	9.248305	-6.72771	1.02E-10	1.59E-09	13.8571
205757_PM_at	ENTPD5	-1.16502	7.150359	-5.95598	7.99E-09	8.22E-08	9.625486
218275_PM_at	SLC25A10	-1.16843	6.945872	-7.27947	3.63E-12	7.70E-11	17.10579
214261_PM_s_at	ADH6	-1.16902	8.946083	-5.36854	1.71E-07	1.29E-06	6.67097
219873_PM_at	COLEC11	-1.16916	8.944069	-7.11553	9.95E-12	1.92E-10	16.12216
205675_PM_at	MTTP	-1.16992	6.889055	-5.61895	4.76E-08	4.09E-07	7.900882
231790_PM_at	DMGDH	-1.17032	9.276415	-6.46035	4.81E-10	6.49E-09	12.34821
239707_PM_at	SLC5A10	-1.17083	8.27469	-5.50727	8.45E-08	6.83E-07	7.346816
215783_PM_s_at	ALPL	-1.17139	5.257805	-9.60168	5.55E-19	4.42E-17	32.464
224494_PM_x_at	HSD17B14	-1.17196	7.833073	-6.4911	4.04E-10	5.53E-09	12.51946
216092_PM_s_at	SLC7A8	-1.17579	10.07244	-6.27981	1.34E-09	1.64E-08	11.35466
211138_PM_s_at	KMO	-1.17936	8.649147	-5.9525	8.14E-09	8.35E-08	9.607303
207007_PM_at	NR1I3	-1.18233	5.259989	-6.52512	3.32E-10	4.66E-09	12.7097
1556205_PM_at	---	-1.18237	5.788398	-8.20403	9.41E-15	3.31E-13	22.92173
219113_PM_x_at	HSD17B14	-1.1831	5.756999	-6.78137	7.42E-11	1.20E-09	14.16518
221662_PM_s_at	SLC22A7	-1.18343	7.110933	-5.78811	1.96E-08	1.84E-07	8.756722
222930_PM_s_at	AGMAT	-1.18501	9.265013	-5.55089	6.76E-08	5.60E-07	7.562153

57539_PM_at	ZGPAT	-1.18753	8.658273	-6.65097	1.60E-10	2.41E-09	13.41948
231540_PM_at	LOC100130691	-1.18774	9.038525	-5.86284	1.32E-08	1.29E-07	9.14108
38158_PM_at	ESPL1	-1.18859	6.425504	-6.51403	3.54E-10	4.93E-09	12.64761
205682_PM_x_at	APOM	-1.18898	10.6849	-5.20339	3.86E-07	2.67E-06	5.884599
206290_PM_s_at	RGS7	-1.19101	5.113692	-6.72011	1.07E-10	1.66E-09	13.81355
235898_PM_at	---	-1.19389	6.895364	-7.07607	1.27E-11	2.39E-10	15.88772
203435_PM_s_at	MME	-1.19406	9.956722	-5.77881	2.06E-08	1.92E-07	8.70912
206263_PM_at	FMO4	-1.1951	9.295195	-8.3499	3.54E-15	1.35E-13	23.8782
225687_PM_at	FAM83D	-1.19816	6.005869	-7.21627	5.36E-12	1.09E-10	16.7248
224839_PM_s_at	GPT2	-1.19962	6.479461	-7.34272	2.45E-12	5.37E-11	17.48935
214490_PM_at	ARSF	-1.20002	6.155419	-8.3169	4.42E-15	1.66E-13	23.66096
222102_PM_at	GSTA3	-1.20037	6.126655	-8.37651	2.96E-15	1.15E-13	24.05377
230914_PM_at	HNFAA	-1.20154	7.834729	-6.40546	6.59E-10	8.60E-09	12.04395
214910_PM_s_at	APOM	-1.20318	10.63154	-5.17808	4.37E-07	2.99E-06	5.765849
203913_PM_s_at	HPGD	-1.20389	8.02082	-6.36251	8.41E-10	1.07E-08	11.8072
230830_PM_at	OSTBETA	-1.20458	7.773728	-5.51716	8.04E-08	6.53E-07	7.395535
206930_PM_at	GLYAT	-1.20534	9.735774	-5.5342	7.37E-08	6.05E-07	7.479641
223596_PM_at	SLC12A6	-1.20592	6.668081	-8.16886	1.19E-14	4.09E-13	22.69266
233183_PM_at	SLC4A9	-1.20682	6.679617	-6.16363	2.56E-09	2.96E-08	10.72633
212701_PM_at	TLN2	-1.21077	7.615197	-8.90151	8.06E-17	4.17E-15	27.58196
231009_PM_at	PLA2G12B	-1.21607	6.80053	-5.57553	5.96E-08	5.01E-07	7.684407
219915_PM_s_at	SLC16A10	-1.21669	7.680387	-7.40573	1.65E-12	3.73E-11	17.87358
202752_PM_x_at	SLC7A8	-1.21809	9.943739	-5.95445	8.05E-09	8.27E-08	9.617478
231372_PM_at	LOC153328	-1.21899	6.087201	-7.91694	6.26E-14	1.91E-12	21.06907
217014_PM_s_at	AZGP1	-1.21942	8.209798	-5.62397	4.64E-08	4.00E-07	7.925971
204429_PM_s_at	SLC2A5	-1.22078	5.692088	-6.32865	1.02E-09	1.28E-08	11.62137
1553746_PM_a_at	C12orf64	-1.2228	5.043375	-5.28915	2.53E-07	1.83E-06	6.290479
226612_PM_at	UBE2QL1	-1.22543	6.848661	-7.23993	4.63E-12	9.57E-11	16.86722
208850_PM_s_at	THY1	-1.22701	9.027935	-6.81364	6.13E-11	1.01E-09	14.35127
237017_PM_s_at	---	-1.22743	7.850343	-5.8636	1.31E-08	1.28E-07	9.145028
201563_PM_at	SORD	-1.22821	10.72846	-7.24744	4.42E-12	9.21E-11	16.91245
207544_PM_s_at	ADH6	-1.2283	6.698475	-5.73534	2.59E-08	2.36E-07	8.487605
207378_PM_at	TREH	-1.22899	5.497651	-8.41263	2.32E-15	9.15E-14	24.29254
1552362_PM_a_at	LEAP2	-1.23097	7.537917	-6.70257	1.18E-10	1.82E-09	13.71333
221590_PM_s_at	---	-1.23163	9.390198	-6.56746	2.60E-10	3.74E-09	12.9474
203438_PM_at	STC2	-1.23271	5.888486	-8.00658	3.48E-14	1.11E-12	21.64323
236959_PM_s_at	---	-1.2332	5.092221	-6.96863	2.43E-11	4.37E-10	15.25384
210751_PM_s_at	RGN	-1.23508	8.657793	-6.53837	3.07E-10	4.35E-09	12.78393
206242_PM_at	TM4SF5	-1.23696	6.735019	-8.62532	5.45E-16	2.40E-14	25.71075
218688_PM_at	DAK	-1.23754	6.995533	-8.73058	2.64E-16	1.24E-14	26.42005
210451_PM_at	PKLR	-1.24018	5.863703	-8.27386	5.90E-15	2.17E-13	23.37837
224299_PM_x_at	FTCD	-1.24156	8.108633	-5.37542	1.65E-07	1.25E-06	6.704162
236407_PM_at	KCNE1	-1.24193	5.30471	-7.25932	4.11E-12	8.61E-11	16.98408
223623_PM_at	C2orf40	-1.2439	9.6007	-7.0819	1.22E-11	2.32E-10	15.9223
1559590_PM_at	CHDH	-1.24423	6.579337	-7.0393	1.58E-11	2.95E-10	15.67001
239006_PM_at	SLC26A7	-1.24716	8.260177	-6.4104	6.40E-10	8.39E-09	12.07123
213706_PM_at	GPD1	-1.24998	8.942478	-6.25067	1.58E-09	1.91E-08	11.19623
235915_PM_at	---	-1.25214	7.773064	-5.778	2.07E-08	1.93E-07	8.704997
244479_PM_at	---	-1.25241	7.640846	-5.93958	8.73E-09	8.88E-08	9.539785
206964_PM_at	NAT8B	-1.2661	8.358103	-6.25915	1.51E-09	1.82E-08	11.24224
223699_PM_at	CNDP1	-1.26857	6.471373	-6.85448	4.81E-11	8.14E-10	14.58771
231517_PM_at	ZYG11A	-1.269	6.128476	-7.86331	8.88E-14	2.63E-12	20.72752
221679_PM_s_at	ABHD6	-1.27301	6.325827	-5.61941	4.75E-08	4.08E-07	7.903167
243562_PM_at	KNG1	-1.27393	6.479078	-6.3887	7.25E-10	9.38E-09	11.95139
202847_PM_at	PCK2	-1.27501	10.72963	-6.6876	1.29E-10	1.97E-09	13.62789
209757_PM_s_at	MYCN	-1.27575	6.528432	-7.8087	1.27E-13	3.63E-12	20.38117
205307_PM_s_at	KMO	-1.27686	7.637881	-6.50708	3.68E-10	5.10E-09	12.60875
214342_PM_at	ATXN7L1	-1.279	6.417615	-8.03724	2.84E-14	9.21E-13	21.84049
223702_PM_x_at	FTCD	-1.28166	8.062138	-5.67083	3.63E-08	3.20E-07	8.161235
222939_PM_s_at	SLC16A10	-1.28206	7.092034	-8.92832	6.69E-17	3.52E-15	27.76532
224300_PM_x_at	FTCD	-1.28294	8.560549	-5.26155	2.90E-07	2.07E-06	6.159283
239983_PM_at	SLC30A8	-1.28455	4.871674	-8.34517	3.66E-15	1.39E-13	23.84701
206515_PM_at	CYP4F3	-1.2863	9.085807	-5.28869	2.54E-07	1.84E-06	6.288274
234314_PM_at	RALGAPA2	-1.28709	6.368867	-6.76144	8.35E-11	1.33E-09	14.05056
210074_PM_at	CTSL2	-1.28722	7.442421	-7.32113	2.80E-12	6.09E-11	17.35818
206155_PM_at	ABCC2	-1.28842	6.758221	-6.78005	7.48E-11	1.20E-09	14.15758
227560_PM_at	SFXN2	-1.28932	9.332665	-7.89195	7.37E-14	2.22E-12	20.90974
210085_PM_s_at	ANXA9	-1.29285	6.374435	-7.96141	4.68E-14	1.46E-12	21.35342
237334_PM_at	---	-1.29401	5.272619	-9.85121	9.01E-20	8.57E-18	34.24803
220604_PM_x_at	FTCD	-1.29548	8.36497	-5.34397	1.93E-07	1.43E-06	6.552715
227480_PM_at	SUSD2	-1.29599	9.3424	-6.7567	8.59E-11	1.36E-09	14.02329
217512_PM_at	KNG1	-1.3068	7.684075	-6.36217	8.42E-10	1.07E-08	11.8053
1565681_PM_s_at	DIP2C	-1.307	6.488419	-8.67289	3.93E-16	1.78E-14	26.03071
223979_PM_x_at	FTCD	-1.3078	8.247102	-5.5064	8.49E-08	6.86E-07	7.342571
237587_PM_at	---	-1.30969	6.843234	-6.54418	2.97E-10	4.22E-09	12.81656
227794_PM_at	GLYATL1	-1.31422	10.18301	-5.13697	5.34E-07	3.60E-06	5.574002
214999_PM_s_at	RAB11FIP3	-1.31611	8.868671	-7.22193	5.18E-12	1.06E-10	16.75883
236225_PM_at	GGT6	-1.31683	8.792224	-7.10754	1.04E-11	2.01E-10	16.07461
229916_PM_at	ENPP6	-1.3185	8.329643	-5.91431	1.00E-08	1.01E-07	9.408031
231667_PM_at	SLC39A5	-1.33545	7.447403	-6.33566	9.79E-10	1.23E-08	11.65976
243955_PM_at	---	-1.33586	5.654808	-8.20968	9.06E-15	3.21E-13	22.95858
228807_PM_at	ASPA	-1.33978	8.069445	-9.19049	1.06E-17	6.40E-16	29.57379
219554_PM_at	RHCG	-1.3422	7.611448	-6.95307	2.66E-11	4.77E-10	15.16257
236220_PM_at	---	-1.34323	6.083064	-8.47266	1.54E-15	6.25E-14	24.69075
211303_PM_x_at	FOLH1B	-1.34433	7.398172	-6.59529	2.21E-10	3.23E-09	13.10423
230406_PM_at	---	-1.35026	7.846374	-5.9321	9.09E-09	9.22E-08	9.500748
205557_PM_at	BPI	-1.35256	5.031565	-6.15844	2.64E-09	3.03E-08	10.69845
230716_PM_at	LOC285733	-1.35508	6.486226	-6.44009	5.41E-10	7.20E-09	12.23566
210343_PM_s_at	SLC22A6	-1.36022	8.92213	-6.24725	1.61E-09	1.94E-08	11.17766
204476_PM_s_at	PC	-1.36339	7.175928	-7.16057	7.55E-12	1.50E-10	16.39094
219790_PM_s_at	NPR3	-1.36385	7.23993	-6.02555	5.47E-09	5.88E-08	9.991089
237226_PM_at	---	-1.36663	6.714895	-7.07691	1.26E-11	2.38E-10	15.89267
240380_PM_at	---	-1.36909	4.821169	-8.49952	1.29E-15	5.32E-14	24.8695
225379_PM_at	MAPT	-1.37113	7.520731	-8.50533	1.24E-15	5.15E-14	24.90822
229596_PM_at	AMDHD1	-1.37336	7.61917	-7.31414	2.92E-12	6.34E-11	17.31573
229241_PM_at	LDHD	-1.37472	7.262869	-8.12772	1.56E-14	5.28E-13	22.42538
210020_PM_x_at	CALML3	-1.37604	5.517341	-7.3881	1.84E-12	4.13E-11	17.76586
210199_PM_at	CRYAA	-1.37696	7.774672	-5.05805	7.81E-07	5.05E-06	5.209204
210326_PM_at	AGXT	-1.38994	5.202888	-6.2302	1.77E-09	2.12E-08	11.08525
240838_PM_s_at	LOC145837	-1.39116	6.795321	-6.2358	1.72E-09	2.06E-08	11.11562
243799_PM_x_at	ANGPTL3	-1.40051	6.319862	-6.51288	3.56E-10	4.96E-09	12.64117
228219_PM_s_at	UPB1	-1.4074	6.81926	-8.66234	4.22E-16	1.91E-14	25.95964
204638_PM_at	ACPS	-1.4081	7.452037	-7.40367	1.67E-12	3.78E-11	17.86101
211843_PM_x_at	CYP3A7	-1.40944	6.43373	-7.246	4.46E-12	9.27E-11	16.90375
239929_PM_at	PM20D1	-1.40964	5.182946	-7.07923	1.24E-11	2.35E-10	15.90644

224480_PM_s_at	AGPAT9	-1.41308	9.941173	-8.70606	3.13E-16	1.45E-14	26.2544
1552755_PM_at	C9orf66	-1.4186	8.938713	-6.4465	5.21E-10	6.98E-09	12.27125
205592_PM_at	SLC4A1	-1.42474	9.14652	-6.28716	1.29E-09	1.58E-08	11.39467
208177_PM_at	SLC34A1	-1.42672	8.572494	-5.5981	5.30E-08	4.51E-07	7.796748
229230_PM_at	OSTalpha	-1.42809	6.651344	-7.02808	1.69E-11	3.14E-10	15.60376
1556554_PM_at	TRIM50	-1.43023	5.19301	-9.4034	2.32E-18	1.62E-16	31.06236
219840_PM_s_at	TCL6	-1.43498	5.137048	-8.82253	1.40E-16	6.87E-15	27.04352
231683_PM_at	GLYAT	-1.43631	8.55196	-6.26157	1.48E-09	1.80E-08	11.25544
223587_PM_s_at	AMN	-1.43647	7.602329	-6.39747	6.89E-10	8.96E-09	11.99981
217530_PM_at	SLC34A1	-1.44404	6.649121	-6.5484	2.90E-10	4.13E-09	12.84022
220139_PM_at	DNMT3L	-1.44519	6.337357	-7.29269	3.34E-12	7.15E-11	17.18581
205175_PM_s_at	KHK	-1.44653	6.965326	-7.74006	1.97E-13	5.46E-12	19.94806
228194_PM_s_at	SORCS1	-1.44704	5.198842	-6.73847	9.57E-11	1.50E-09	13.91872
203434_PM_s_at	MME	-1.44941	9.753386	-6.15581	2.68E-09	3.07E-08	10.68436
207095_PM_at	SLC10A2	-1.45084	7.302754	-6.39007	7.19E-10	9.31E-09	11.95895
203559_PM_s_at	ABP1	-1.45328	10.23275	-6.36717	8.19E-10	1.05E-08	11.83283
231156_PM_at	---	-1.45677	9.033538	-6.26009	1.50E-09	1.82E-08	11.24738
239964_PM_at	TCL6	-1.45731	5.923886	-9.55714	7.66E-19	5.88E-17	32.14794
208034_PM_s_at	PRO2	-1.46049	6.808559	-7.15836	7.65E-12	1.51E-10	16.37772
242947_PM_at	---	-1.4665	7.000582	-7.07271	1.29E-11	2.43E-10	15.86778
205673_PM_s_at	ASB9	-1.46721	7.702057	-9.20111	9.80E-18	6.02E-16	29.64762
205999_PM_x_at	CYP3A4	-1.46924	5.716516	-8.12364	1.61E-14	5.41E-13	22.3989
236639_PM_at	---	-1.47088	5.21776	-8.89766	8.28E-17	4.28E-15	27.55561
208367_PM_x_at	CYP3A4	-1.47152	5.183819	-9.52492	9.66E-19	7.24E-17	31.91966
231256_PM_at	LOC727944	-1.47376	6.960316	-6.15764	2.65E-09	3.05E-08	10.69416
237254_PM_at	SLC5A11	-1.47513	6.415314	-8.12545	1.59E-14	5.35E-13	22.41065
203929_PM_s_at	MAPT	-1.47521	8.361761	-7.57065	5.83E-13	1.44E-11	18.88947
239594_PM_at	LOC145837	-1.47879	7.552079	-6.34609	9.23E-10	1.17E-08	11.71698
240033_PM_at	PLG	-1.48564	6.592284	-7.08934	1.17E-11	2.22E-10	15.96649
241396_PM_at	NEDD4L	-1.48716	6.685	-8.78941	1.76E-16	8.51E-15	26.81854
223732_PM_at	SLC23A1	-1.4895	9.012673	-6.81383	6.13E-11	1.01E-09	14.35237
231150_PM_at	---	-1.49303	6.498392	-7.90551	6.74E-14	2.04E-12	20.99616
224179_PM_s_at	MIOX	-1.49346	11.42782	-5.98681	6.76E-09	7.09E-08	9.9787091
237639_PM_at	TMEM207	-1.49895	6.037034	-6.43236	5.65E-10	7.51E-09	12.19282
206484_PM_s_at	XPNPEP2	-1.50069	9.065024	-5.76767	2.19E-08	2.03E-07	8.652232
233040_PM_at	PLEKHA5	-1.50233	5.746048	-8.53091	1.04E-15	4.38E-14	25.07876
221701_PM_s_at	STRA6	-1.50288	6.11333	-8.57685	7.59E-16	3.29E-14	25.3858
202921_PM_s_at	ANK2	-1.50385	7.17903	-7.71023	2.39E-13	6.49E-12	19.76056
1552281_PM_at	SLC39A5	-1.50666	8.269803	-6.90959	3.46E-11	6.05E-10	14.90834
216599_PM_x_at	SLC22A6	-1.50939	9.144137	-5.47094	1.02E-07	8.06E-07	7.168532
242375_PM_x_at	---	-1.51105	7.68136	-5.94419	8.51E-09	8.69E-08	9.563838
215274_PM_at	SLC12A3	-1.51791	8.43227	-5.98943	6.66E-09	7.00E-08	9.809001
1553729_PM_s_at	LRRCA3	-1.51841	5.96252	-7.67466	3.00E-13	7.95E-12	19.53763
242340_PM_at	---	-1.52601	6.289596	-7.55044	6.63E-13	1.61E-11	18.76447
204997_PM_at	GPD1	-1.5263	8.319431	-7.61752	4.32E-13	1.10E-11	19.18086
220507_PM_s_at	UPB1	-1.52926	8.800228	-6.36553	8.26E-10	1.06E-08	11.82381
206755_PM_at	CYP2B6	-1.53161	6.816417	-6.82472	5.74E-11	9.53E-10	14.41536
216696_PM_s_at	PRODH2	-1.53683	9.907665	-6.23519	1.72E-09	2.07E-08	11.11229
220675_PM_s_at	PNPLA3	-1.54101	6.195638	-9.66924	3.40E-19	2.85E-17	32.94487
231021_PM_at	SLC6A19	-1.54212	9.956099	-6.71036	1.13E-10	1.74E-09	13.75783
206457_PM_s_at	DIO1	-1.54491	9.980337	-5.77049	2.15E-08	2.00E-07	8.666639
223869_PM_at	SOST	-1.5491	6.34413	-6.69075	1.27E-10	1.94E-09	13.64588
205983_PM_at	DPEP1	-1.55128	10.07804	-6.62075	1.91E-10	2.82E-09	13.24814
231634_PM_at	SLC12A3	-1.55131	7.025997	-6.36298	8.38E-10	1.07E-08	11.80976
231416_PM_at	DHDH	-1.55753	7.560343	-7.16601	7.30E-12	1.45E-10	16.42345
220801_PM_s_at	HAO2	-1.56618	10.14545	-6.21646	1.91E-09	2.27E-08	11.01097
1552757_PM_s_at	C9orf66	-1.57436	6.707654	-7.83231	1.09E-13	3.16E-12	20.53073
237582_PM_at	---	-1.57778	7.820476	-5.83233	1.55E-08	1.49E-07	8.983686
206226_PM_at	HRG	-1.58034	8.570091	-8.19812	9.79E-15	3.43E-13	22.8832
231376_PM_at	UPP2	-1.58239	8.418828	-5.67789	3.50E-08	3.10E-07	8.196784
205939_PM_at	CYP3A7	-1.58369	6.082296	-8.3502	3.53E-15	1.35E-13	23.88015
219803_PM_at	ANGPTL3	-1.58519	8.154286	-6.09088	3.83E-09	4.26E-08	10.33739
1555612_PM_s_at	G6PC	-1.59053	5.365511	-6.79853	6.71E-11	1.09E-09	14.26405
31835_PM_at	HRG	-1.60382	7.259597	-8.23691	7.56E-15	2.71E-13	23.13643
233155_PM_at	UPP2	-1.60621	6.348482	-5.76058	2.27E-08	2.10E-07	8.616089
233030_PM_at	PNPLA3	-1.60943	6.713918	-7.83071	1.10E-13	3.19E-12	20.52062
217583_PM_at	PAH	-1.61211	7.37863	-5.97786	7.09E-09	7.41E-08	9.740151
206254_PM_at	EGF	-1.61353	8.715445	-7.04475	1.53E-11	2.86E-10	15.70225
231480_PM_at	SLC6A19	-1.61699	6.607601	-9.34428	3.54E-18	2.40E-16	30.64731
206754_PM_s_at	CYP2B6 /// CYP2B7P1	-1.61799	8.039554	-6.20713	2.01E-09	2.37E-08	10.96056
228717_PM_at	---	-1.61805	6.835089	-7.98716	3.95E-14	1.25E-12	21.51849
216910_PM_at	XPNPEP2	-1.61939	8.498082	-6.39358	7.05E-10	9.14E-09	11.97834
203924_PM_at	GSTA1	-1.62935	11.217	-6.13186	3.05E-09	3.47E-08	10.55605
203928_PM_x_at	MAPT	-1.63615	7.428538	-8.19279	1.01E-14	3.53E-13	22.84847
208354_PM_s_at	SLC12A3	-1.64237	6.047254	-7.4318	1.40E-12	3.21E-11	18.03321
210452_PM_x_at	CYP4F2	-1.6524	8.929893	-5.82551	1.61E-08	1.54E-07	8.948594
215005_PM_at	NECAB2	-1.66389	5.677108	-11.6799	8.33E-26	6.71E-23	47.89547
206401_PM_s_at	MAPT	-1.6675	7.067087	-7.88286	7.82E-14	2.34E-12	20.85188
236774_PM_at	---	-1.67451	6.330937	-8.4695	1.58E-15	6.37E-14	24.6698
210327_PM_s_at	AGXT	-1.683	6.535388	-6.36202	8.43E-10	1.07E-08	11.8045
220075_PM_s_at	CDHR5	-1.6845	5.599932	-8.51829	1.13E-15	4.74E-14	24.99455
206952_PM_at	G6PC	-1.69163	9.193397	-6.18464	2.28E-09	2.66E-08	10.83931
206514_PM_s_at	CYP4F2 /// CYP4F3	-1.69333	7.323786	-6.3064	1.15E-09	1.43E-08	11.49967
221008_PM_s_at	AGXT2L1	-1.70719	5.912055	-7.21595	5.37E-12	1.09E-10	16.7229
231352_PM_at	SLC22A8	-1.71039	9.349673	-5.83849	1.50E-08	1.45E-07	9.01543
209977_PM_at	PLG	-1.71186	9.802849	-5.81919	1.66E-08	1.59E-07	8.916091
206878_PM_at	DAO	-1.72833	8.815934	-7.4468	1.28E-12	2.95E-11	18.12518
224043_PM_s_at	UPB1	-1.73085	5.581673	-8.83133	1.31E-16	6.50E-15	27.10341
206325_PM_at	SERPINA6	-1.73098	8.464222	-8.84504	1.19E-16	5.93E-15	27.19669
232422_PM_at	AZLD1	-1.73432	9.149374	-6.68731	3.56E-16	1.64E-14	26.1279
231623_PM_at	TMEM174	-1.75606	9.579126	-6.31685	1.09E-09	1.35E-08	11.55676
240114_PM_s_at	TMEM174	-1.76838	8.603025	-7.26715	3.91E-12	8.24E-11	17.03135
230931_PM_at	PLG	-1.78179	9.027221	-5.9762	7.16E-09	7.46E-08	9.731395
243418_PM_at	---	-1.79009	6.113109	-10.2747	3.93E-21	5.27E-19	37.32336
221298_PM_s_at	SLC22A8	-1.79997	9.028705	-5.94884	8.30E-09	8.49E-08	9.588132
231677_PM_at	---	-1.82069	7.548654	-5.99696	6.40E-09	6.76E-08	9.840453
204607_PM_at	HMGCS2	-1.85227	8.422055	-6.68588	1.30E-10	1.99E-09	13.61808
231051_PM_at	---	-1.85835	6.972154	-6.13116	3.07E-09	3.48E-08	10.55233
236652_PM_at	LOC149703	-1.89388	7.593199	-7.76078	1.72E-13	4.82E-12	20.07857
205502_PM_at	CYP17A1	-1.9065	6.890283	-7.62099	4.23E-13	1.08E-11	19.20248
206024_PM_at	HPD	-1.90902	9.857991	-5.94122	8.65E-09	8.81E-08	9.548311
231391_PM_at	CTXN3	-1.93373	9.237446	-6.98764	2.16E-11	3.94E-10	15.36548
224324_PM_at	MRO	-1.94565	5.269534	-9.14571	1.45E-17	8.58E-16	29.26292
238177_PM_at	SLC6A19	-1.95278	8.119022	-7.79856	1.35E-13	3.84E-12	20.31706
230949_PM_at	SLC23A3	-1.96533	8.751213	-8.56932	7.99E-16	3.45E-14	25.33538

205892_PM_s_at	FABP1	-1.9877	9.895276	-6.08161	4.03E-09	4.46E-08	10.28807
223582_PM_at	GPR98	-1.99344	7.529257	-8.48611	1.41E-15	5.76E-14	24.78024
205820_PM_s_at	APOC3	-1.99403	6.111887	-7.81662	1.20E-13	3.46E-12	20.43134
242998_PM_at	RDH12	-2.01792	7.12242	-7.82334	1.15E-13	3.34E-12	20.47389
209978_PM_s_at	LPA /// PLG	-2.02244	9.272719	-6.38369	7.45E-10	9.62E-09	11.9238
224323_PM_s_at	MRO	-2.02833	6.194578	-9.50166	1.14E-18	8.49E-17	31.75518
243614_PM_s_at	PRODH2	-2.02904	7.104101	-7.30067	3.18E-12	6.84E-11	17.23413
236374_PM_at	CTXN3	-2.03371	8.68215	-7.27323	3.77E-12	7.96E-11	17.06811
1554668_PM_a_at	FAM151A	-2.07703	9.610708	-6.51882	3.44E-10	4.81E-09	12.67442
238287_PM_at	SLC7A13	-2.19715	8.259382	-5.79547	1.89E-08	1.78E-07	8.794414
231483_PM_at	---	-2.26225	8.729889	-7.12254	9.53E-12	1.85E-10	16.16393
216699_PM_s_at	KLK1	-2.26526	7.211638	-9.41498	2.13E-18	1.51E-16	31.1438
231358_PM_at	MRO	-2.3281	7.776956	-9.97786	3.55E-20	3.68E-18	35.16165
205216_PM_s_at	APOH	-2.39417	7.577112	-8.56528	8.21E-16	3.53E-14	25.30837
206840_PM_at	AFM	-2.41956	7.206239	-8.18865	1.04E-14	3.63E-13	22.82149
211298_PM_s_at	ALB	-2.59263	9.430148	-6.7962	6.80E-11	1.11E-09	14.25063
1565228_PM_s_at	ALB	-2.67512	5.860293	-7.25237	4.29E-12	8.96E-11	16.94219
240320_PM_at	LOC100131781	-2.76968	7.449168	-9.44675	1.70E-18	1.22E-16	31.36754

Genes associated with C4d positivity using LIMMA R package

	Probeset
211122_PM_s_at	240320_PM_at
215176_PM_x_at	211298_PM_s_at
217378_PM_x_at	206840_PM_at
210163_PM_at	205216_PM_s_at
203915_PM_at	1554668_PM_a_at
216853_PM_x_at	216699_PM_s_at
216576_PM_x_at	238287_PM_at
204103_PM_at	209978_PM_s_at
217148_PM_x_at	231391_PM_at
214768_PM_x_at	224323_PM_s_at
211798_PM_x_at	242998_PM_at
217157_PM_x_at	223582_PM_at
217235_PM_x_at	231021_PM_at
211881_PM_x_at	206024_PM_at
216207_PM_x_at	209977_PM_at
216401_PM_x_at	231623_PM_at
217480_PM_x_at	221298_PM_s_at
211644_PM_x_at	210452_PM_x_at
216560_PM_x_at	206878_PM_at
216984_PM_x_at	206325_PM_at
229625_PM_at	216696_PM_s_at
211643_PM_x_at	206514_PM_s_at
234884_PM_x_at	206754_PM_s_at
214777_PM_at	224179_PM_s_at
204533_PM_at	206952_PM_at
210164_PM_at	221008_PM_s_at
223565_PM_at	220801_PM_s_at
206641_PM_at	205719_PM_s_at
205681_PM_at	206254_PM_at
211634_PM_x_at	231376_PM_at
210029_PM_at	221305_PM_s_at
222838_PM_at	215005_PM_at
214973_PM_x_at	203928_PM_x_at
205114_PM_s_at	231416_PM_at
221286_PM_s_at	205983_PM_at
204698_PM_at	223869_PM_at
229391_PM_s_at	1552755_PM_at
216365_PM_x_at	206457_PM_s_at
216491_PM_x_at	206484_PM_s_at
205267_PM_at	206226_PM_at
211637_PM_x_at	237639_PM_at
229937_PM_x_at	239594_PM_at
211633_PM_x_at	205673_PM_s_at
229390_PM_at	205939_PM_at

219014_PM_at	220675_PM_s_at
211868_PM_x_at	205892_PM_s_at
33304_PM_at	210343_PM_s_at
214567_PM_s_at	203559_PM_s_at
234366_PM_x_at	231256_PM_at
217258_PM_x_at	223732_PM_at
37145_PM_at	208354_PM_s_at
206366_PM_x_at	204638_PM_at
202902_PM_s_at	208034_PM_s_at
236203_PM_at	229230_PM_at
202269_PM_x_at	211303_PM_x_at
205159_PM_at	229596_PM_at
211582_PM_x_at	237254_PM_at
205495_PM_s_at	220507_PM_s_at
238581_PM_at	210199_PM_at
217143_PM_s_at	231667_PM_at
203471_PM_s_at	207095_PM_at
216191_PM_s_at	1556554_PM_at
214574_PM_x_at	220604_PM_x_at
211581_PM_x_at	202847_PM_at
211639_PM_x_at	208177_PM_at
1555756_PM_a_at	203434_PM_s_at
223344_PM_s_at	229916_PM_at
210629_PM_x_at	206263_PM_at
231577_PM_s_at	236225_PM_at
202270_PM_at	205625_PM_s_at
210895_PM_s_at	220139_PM_at
205237_PM_at	206242_PM_at
205692_PM_s_at	220074_PM_at
1569040_PM_s_at	206054_PM_at
238725_PM_at	205311_PM_at
210146_PM_x_at	227560_PM_at
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202018_PM_s_at

Genes associated with C4d positivity using LIMMA R package

	Symbol	logFC	AveExpr	t	P.Value	adj.P.Val	B
211122_PM_s_at	CXCL11	2.35244118	5.5327633	4.61768664	5.97E-06	0.00635267	3.65082339
215176_PM_x_at	IGK@ /// IGKC /// LOC100291464	2.19928253	7.77828693	3.56096173	0.00043547	0.03428728	-0.15498258
217378_PM_x_at	LOC100130100 /// LOC100291464	2.18652178	7.03006417	3.78414428	0.00018944	0.02459755	0.57622091
210163_PM_at	CXCL11	2.17848968	5.67729387	4.57572815	7.20E-06	0.00649663	3.4835092
203915_PM_at	CXCL9	2.17712969	8.35431592	4.03600555	7.06E-05	0.01513299	1.44890726
216853_PM_x_at	IGLV3-19	2.14458447	5.33547629	4.28039455	2.58E-05	0.00945844	2.34283858
216576_PM_x_at	IGK@ /// IGKC /// LOC652493 /// LOC652694	2.11251274	6.74763962	4.03776406	7.01E-05	0.01513299	1.45517506
204103_PM_at	CCL4	2.09610343	5.8771547	5.09443492	6.52E-07	0.00201003	5.64113816
217148_PM_x_at	LOC100293440	2.04057295	6.92098204	3.45608021	0.00063501	0.03958905	-0.48470552
214768_PM_x_at	IGK@ /// IGKC	2.0297488	5.8622665	3.58111109	0.00040461	0.03375908	-0.09061452
211798_PM_x_at	IGLJ3	2.02476811	5.83902173	3.9341615	0.00010586	0.01788714	1.09002098
217157_PM_x_at	IGK@ /// IGKC /// LOC652493	2.01120609	6.8195966	3.79094571	0.00018458	0.0243075	0.59912992
217235_PM_x_at	IGLV2-23	1.9972483	6.33608232	3.63680854	0.00032966	0.03150609	0.08902075
211881_PM_x_at	IGLJ3	1.99271798	5.53469108	4.32259264	2.16E-05	0.00866409	2.50181215
216207_PM_x_at	IGKV1D-13	1.98027238	7.34385849	3.61747473	0.00035406	0.0322825	0.02638172
216401_PM_x_at	LOC652493	1.9723634	6.8832956	3.93430254	0.0001058	0.01788714	1.09051236
217480_PM_x_at	LOC100287723	1.93936961	6.96828064	4.02540328	7.37E-05	0.01516153	1.41116889
211644_PM_x_at	IGK@ /// IGKC /// IGKV3-20 /// LOC100291682	1.90489089	7.08299138	3.4006414	0.00077232	0.0424044	-0.65536478
216560_PM_x_at	IGL@	1.89980648	5.51300998	3.39674098	0.00078296	0.04241523	-0.6672767
216984_PM_x_at	IGLV2-23 /// LOC100293440	1.85793727	6.77521948	3.48075934	0.00058154	0.03835753	-0.4079262
229625_PM_at	GBP5	1.82037283	5.85561742	4.39037253	1.62E-05	0.00747986	2.75997553
211643_PM_x_at	IGK@ /// IGKC /// IGKV3D-15	1.79880413	6.37587497	3.83322079	0.00015691	0.02191115	0.74234708
234884_PM_x_at	CYAT1	1.77351102	5.11984246	3.87716129	0.00013233	0.02057604	0.89270583
214777_PM_at	IGKV4-1	1.77296059	6.0390209	3.70537957	0.00025529	0.02834131	0.31360556
204533_PM_at	CXCL10	1.75893219	8.4231637	3.97649722	8.95E-05	0.01670187	1.2382231
210164_PM_at	GZMB	1.69601302	4.84499301	5.14757167	5.04E-07	0.00169553	5.87291538
223565_PM_at	MGC29506	1.67635178	4.45673257	4.25062429	2.93E-05	0.00993136	2.23149744
206641_PM_at	TNFRSF17	1.66768248	4.47604821	4.31354985	2.24E-05	0.00883474	2.46763162
205681_PM_at	BCL2A1	1.66539798	5.19574504	4.47892453	1.10E-05	0.00707409	3.10244958
211634_PM_x_at	IGH@ /// IGHA1 /// IGHD /// IGHG1 /// IGHG3 ///	1.65836156	5.09881018	4.05956734	6.42E-05	0.01484629	1.53308722
210029_PM_at	IDO1	1.60260611	5.67569396	3.72218945	0.00023964	0.02762684	0.36923691
222838_PM_at	SLAMF7	1.59648709	5.30828778	4.27198334	2.67E-05	0.00970311	2.31131227
214973_PM_x_at	IGHD /// LOC100290059 /// LOC100292999	1.58465105	4.65234199	4.25670459	2.85E-05	0.00977117	2.25418307
205114_PM_s_at	CCL3 /// CCL3L1 /// CCL3L3	1.58062188	4.63168726	5.39075884	1.51E-07	0.00112057	6.95836196
221286_PM_s_at	MGC29506	1.57585667	5.20743353	4.19964405	3.62E-05	0.01098304	2.04239888
204698_PM_at	ISG20	1.57499126	6.10842907	4.18709918	3.81E-05	0.01119233	1.99617128
229391_PM_s_at	FAM26F	1.57454085	7.32291501	4.02527885	7.37E-05	0.01516153	1.41072653
216365_PM_x_at	IGLV3-19	1.56560139	4.97591766	4.16577942	4.16E-05	0.01184645	1.91788506
216491_PM_x_at	IGHM	1.55546538	5.01433538	3.41621967	0.00073117	0.04112115	-0.60766405
205267_PM_at	POU2AF1	1.55128606	5.1489704	3.57376124	0.00041562	0.03379542	-0.11413204
211637_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 ///	1.530449	4.76079659	3.40282729	0.00076622	0.0422056	-0.64868358
229937_PM_x_at	LILRB1	1.51125814	5.46387728	4.25765398	2.84E-05	0.00977117	2.25772777
211633_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHG1 /// IGHG3 ///	1.49264738	4.62701274	3.97085899	9.16E-05	0.01685682	1.21840472
229390_PM_at	FAM26F	1.45527068	7.98380037	3.6381998	0.00032797	0.03150609	0.09353988
219014_PM_at	PLAC8	1.42510489	6.2300937	3.52360071	0.00049861	0.03638815	-0.27346302
211868_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 ///	1.40606814	6.31448798	3.42578503	0.00070693	0.04068517	-0.57827626
33304_PM_at	ISG20	1.39925347	5.88791399	4.18750087	3.80E-05	0.01119233	1.99764966
214567_PM_s_at	XCL1 /// XCL2	1.3821174	5.68161972	3.85207821	0.00014587	0.0210461	0.80668787
234366_PM_x_at	CYAT1	1.37184924	5.44001226	3.39585155	0.0007854	0.04241523	-0.66999128
217258_PM_x_at	IGLV1-44 /// LOC100290557	1.35175237	5.4304499	3.33953698	0.00095552	0.0467723	-0.84054112
37145_PM_at	GNLY	1.3327709	5.02733455	4.75255892	3.25E-06	0.00514126	4.19735537
206366_PM_x_at	XCL1	1.32464899	5.60666264	4.01304235	7.74E-05	0.01548082	1.36728108
202902_PM_s_at	CTSS	1.29993449	8.06889	3.44650998	0.00065695	0.03961489	-0.51434562
236203_PM_at	HLA-DQA1	1.29461814	5.05021528	3.32106041	0.00101842	0.04762542	-0.89592841
202269_PM_x_at	GBP1	1.28805632	8.69602133	4.43092549	1.36E-05	0.00738437	2.91608625
205159_PM_at	CSF2RB	1.28634954	5.58230857	3.69132951	0.0002691	0.02909105	0.26728124
211582_PM_x_at	LST1	1.28070631	6.86534919	3.91456681	0.00011433	0.01847581	1.02190717
205495_PM_s_at	GNLY	1.27896654	4.75448867	4.70752152	3.98E-06	0.00570964	4.01338279
238581_PM_at	GBP5	1.2766772	4.40185768	4.07767901	5.97E-05	0.01433493	1.59808808
217143_PM_s_at	TRA@ /// TRD@	1.27548324	4.53995675	5.5007444	8.67E-08	0.00080206	7.46236244
203471_PM_s_at	PLEK	1.26498722	6.35714866	3.44785313	0.00065383	0.03961489	-0.51019024
216191_PM_s_at	TRA@ /// TRD@	1.25512214	4.28738364	5.29825132	2.40E-07	0.00127096	6.54072584
214574_PM_x_at	LST1	1.24584855	6.93135149	3.89954489	0.00012126	0.01917714	0.96988537
211581_PM_x_at	LST1	1.24219544	6.4537004	4.08892454	5.70E-05	0.01403483	1.63857492

211639_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 ///	1.2374078	4.56476275	3.31691639	0.00103305	0.04790609	-0.90831225
1555756_PM_a_at	CLEC7A	1.23162783	4.71296187	4.0084025	7.88E-05	0.01552878	1.35083786
223344_PM_s_at	MS4A7	1.22029204	7.4202673	4.07050095	6.14E-05	0.01456856	1.57229638
210629_PM_x_at	LST1	1.21597691	6.14961843	4.36850424	1.78E-05	0.00791816	2.67630447
231577_PM_s_at	GBP1	1.21462883	9.11915967	4.60384616	6.35E-06	0.00635267	3.59548998
202270_PM_at	GBP1	1.2133374	8.38807743	4.42093251	1.42E-05	0.00738437	2.8775034
210895_PM_s_at	CD86	1.21219817	5.20296392	3.7085538	0.00025226	0.02834131	0.32409318
205237_PM_at	FCN1	1.20279812	5.46570008	4.01013443	7.83E-05	0.01552878	1.35697371
205692_PM_s_at	CD38	1.19700288	4.69458853	4.21498903	3.39E-05	0.01092283	2.09910853
1569040_PM_s_at	FLJ40330	1.19312504	3.67711237	4.42302582	1.40E-05	0.00738437	2.88557946
238725_PM_at	IRF1	1.18964016	6.39930164	3.78586686	0.00018819	0.02452226	0.58201953
210146_PM_x_at	LILRB2	1.18277599	4.96048538	4.05232231	6.61E-05	0.01500542	1.50715682
209949_PM_at	NCF2	1.17654454	5.62518603	3.85070371	0.00014665	0.0210461	0.8019886
211635_PM_x_at	IGH@ /// IGHA1 /// IGHA2 /// IGHD /// IGHG1 ///	1.17450559	4.94337606	3.38016145	0.00082972	0.04330671	-0.71777129
1554899_PM_s_at	FCER1G	1.16893206	7.17559565	3.37100944	0.00085663	0.04402833	-0.74554785
213915_PM_at	NKG7	1.16805377	5.50356207	3.85353354	0.00014505	0.0210461	0.81166509
214181_PM_x_at	LST1	1.16545425	7.17400281	3.67204027	0.00028922	0.03002812	0.20394065
204912_PM_at	IL10RA	1.16311672	6.55686898	3.57053638	0.00042054	0.03381329	-0.12443691
210606_PM_x_at	KLRD1	1.15935295	4.47604892	4.19360372	3.71E-05	0.01107061	2.02012535
231093_PM_at	FCRL3	1.15821336	4.08706636	4.40306548	1.53E-05	0.00738437	2.8087052
207795_PM_s_at	KLRD1	1.14885345	4.19215146	4.63931622	5.42E-06	0.00621372	3.73757832
213537_PM_at	HLA-DPA1	1.13936944	7.48588208	3.58488649	0.00039907	0.0336397	-0.07851728
206584_PM_at	LY96	1.12793312	7.20074125	3.32756393	0.00099585	0.04724151	-0.87646494
205821_PM_at	KLRK1	1.12319806	5.99911957	3.38956699	0.00080288	0.0425301	-0.68915353
215633_PM_x_at	LST1	1.11779957	6.71353636	3.79996173	0.00017831	0.02382187	0.62955492
221698_PM_s_at	CLEC7A	1.11022595	6.40586539	3.51997652	0.00050517	0.03638815	-0.28489585
214617_PM_at	PRF1	1.08867289	5.61656701	4.22108018	3.31E-05	0.01074279	2.12166916
206785_PM_s_at	KLRC1 /// KLRC2	1.08297343	4.31767329	4.41872328	1.43E-05	0.00738437	2.86898365
203922_PM_s_at	CYBB	1.07896912	5.08385328	3.6663886	0.00029537	0.03036288	0.18543867
209773_PM_s_at	RRM2	1.07748878	4.77842502	3.56197626	0.00043387	0.03423375	-0.15174946
212588_PM_at	PTPRC	1.07223712	8.25375386	3.32729192	0.00099679	0.04724151	-0.87727969
206513_PM_at	AIM2	1.07188345	4.5815796	3.42789146	0.00070169	0.04063657	-0.57179457
223343_PM_at	MS4A7	1.06720031	8.42149756	3.54912351	0.00045462	0.03533014	-0.1926469
232311_PM_at	B2M	1.06588206	5.88581665	3.30966294	0.00105913	0.04874878	-0.92995406
1556183_PM_at	FLJ40330	1.06283185	4.43400835	4.70603832	4.01E-06	0.00570964	4.00734908
229721_PM_x_at	DERL3	1.0552639	4.32819247	3.93754835	0.00010445	0.01781268	1.10182544
205291_PM_at	IL2RB	1.05462414	5.51187786	3.70949588	0.00025137	0.02834131	0.32720735
210140_PM_at	CST7	1.05313166	5.49372635	3.92298898	0.00011061	0.0182067	1.05114427
209606_PM_at	CYTIP	1.04889775	6.1311558	3.34727819	0.00093025	0.04633235	-0.81725153
206211_PM_at	SELE	1.04859558	4.45545509	4.5676018	7.46E-06	0.00657464	3.45125414
219584_PM_at	PLA1A	1.04429112	7.58467431	4.86389949	1.94E-06	0.00399354	4.65844314
216430_PM_x_at	IGLV1-44 /// LOC100290557	1.04407471	4.38650164	3.86309049	0.00013977	0.0210461	0.84439133
206914_PM_at	CRTAM	1.04079947	4.27221823	4.13324206	4.76E-05	0.01275606	1.79908059
1553906_PM_s_at	FGD2	1.03598797	7.37002932	3.3261056	0.00100087	0.04736358	-0.88083239
204205_PM_at	APOBEC3G	1.0317804	7.6632283	3.75135753	0.00021462	0.02639123	0.46630286
237625_PM_s_at	IGK@ /// IGKC	1.02493894	4.56360754	3.64133811	0.00032418	0.03146946	0.10373952
203554_PM_x_at	PTTG1	1.01709666	6.1249197	4.11612577	5.10E-05	0.0130205	1.73691055
215806_PM_x_at	TARP /// TRGC2	0.99629918	5.64488363	3.43315356	0.00068877	0.04035458	-0.55558671
229723_PM_at	TAGAP	0.99472116	5.32453304	3.32118841	0.00101797	0.04762542	-0.89554568
228964_PM_at	PRDM1	0.9905196	5.038442	3.52763748	0.0004914	0.03638815	-0.26071609
204502_PM_at	SAMHD1	0.98992343	5.9737426	3.3154405	0.00103831	0.04808961	-0.91271931
232617_PM_at	CTSS	0.98942869	8.35993094	3.44385006	0.00066318	0.039783	-0.52257039
209827_PM_s_at	IL16	0.98745876	5.53372584	3.64570071	0.00031898	0.03146946	0.11793132
209846_PM_s_at	BTN3A2	0.98398986	8.27355912	4.22901118	3.20E-05	0.01048545	2.15108678
231124_PM_x_at	LY9	0.98310714	4.49415909	3.6781815	0.00028267	0.02971681	0.22407439
209813_PM_x_at	TARP	0.97953178	5.70439535	3.58856621	0.00039373	0.03361941	-0.06671552
216920_PM_s_at	TARP /// TRGC2	0.97742957	6.89630899	3.547758	0.00045687	0.03533014	-0.19698407
226474_PM_at	NLRCS	0.97242894	6.86994549	3.47976135	0.00058362	0.03836148	-0.41104069
208018_PM_s_at	HCK	0.96642902	5.36022173	3.63968884	0.00032617	0.03146946	0.0983783
1552701_PM_a_at	CARD16	0.96570225	7.9827909	3.61341575	0.00035939	0.03235854	0.01326943
1552703_PM_s_at	CARD16 /// CASP1	0.96516821	8.31617432	4.07953969	5.92E-05	0.01432021	1.60478026
214467_PM_at	GPR65	0.96481107	5.44831752	3.68924675	0.00027121	0.02909105	0.26042765
209969_PM_s_at	STAT1	0.96178992	9.59852207	3.5699633	0.00042142	0.03381329	-0.12626725
231647_PM_s_at	FCRL5	0.96124997	3.58287796	4.16715073	4.14E-05	0.01184645	1.92291003
216412_PM_x_at	LOC100290557	0.94611834	4.65369778	4.04543858	6.80E-05	0.01513299	1.48255723
232024_PM_at	GIMAP2	0.9418747	7.32357438	3.85302907	0.00014534	0.0210461	0.80993961

209732_PM_at	CLEC2B	0.94174759	8.51633523	3.80166929	0.00017715	0.02378683	0.63532445
206478_PM_at	KIAA0125	0.9414345	4.0520167	3.94229596	0.00010251	0.01769664	1.11838782
228869_PM_at	SNX20	0.93819357	4.74509827	3.45911759	0.00062819	0.03938499	-0.47528275
202748_PM_at	GBP2	0.936951	8.16993256	3.44636722	0.00065729	0.03961489	-0.51478718
206082_PM_at	HCP5	0.93335764	7.58907911	4.0529269	6.59E-05	0.01500542	1.50931913
208438_PM_s_at	FGR	0.93192279	5.20645896	3.66423422	0.00029775	0.03043834	0.1783926
223836_PM_at	FGFBP2	0.930052	3.97507787	5.30416478	2.33E-07	0.00127096	6.56724998
240890_PM_at	LOC643733	0.92101506	4.84651875	4.24459152	3.00E-05	0.01007211	2.20901695
231776_PM_at	EOMES	0.91977208	4.96000161	3.44087683	0.0006702	0.03993786	-0.53175708
213415_PM_at	CLIC2	0.91946799	6.80035501	4.20751343	3.50E-05	0.01098304	2.07145883
226878_PM_at	HLA-DOA	0.91910948	7.92622143	3.629654	0.0003385	0.03195542	0.06580585
222592_PM_s_at	ACSL5	0.91568366	5.55935044	3.7053806	0.00025529	0.02834131	0.31360896
204236_PM_at	FL11	0.9083356	5.69713903	3.94125735	0.00010294	0.01769664	1.11476304
204279_PM_at	PSMB9	0.90829573	9.03778399	3.78881583	0.00018609	0.02440323	0.59195198
225973_PM_at	TAP2	0.90783329	6.85158655	3.39488892	0.00078806	0.04241523	-0.67292854
221840_PM_at	PTPRE	0.9068486	6.27971205	3.74243747	0.000222	0.02667257	0.43654647
1552584_PM_at	IL12RB1	0.90511075	4.47620793	3.85186446	0.00014599	0.0210461	0.80595697
228442_PM_at	NFATC2	0.90442893	5.5202402	3.67224324	0.000289	0.03002812	0.20460561
211144_PM_x_at	TARP /// TRGC2	0.89631607	5.55641132	3.47088189	0.00060242	0.03904207	-0.43871566
203508_PM_at	TNFRSF1B	0.89293103	6.66022241	3.43665438	0.00068029	0.04015132	-0.5447912
206991_PM_s_at	CCR5	0.89148805	5.41069499	3.45371747	0.00064036	0.03959612	-0.49203017
211368_PM_s_at	CASP1	0.88912781	7.31794269	3.33747749	0.00096235	0.04692035	-0.84672882
230413_PM_s_at	AP1S2	0.88783428	5.06029676	4.36127145	1.83E-05	0.0079602	2.64870999
235175_PM_at	GBP4	0.88546635	5.20947493	3.58742066	0.00039538	0.03361941	-0.07039076
225763_PM_at	RCSDB1	0.88425883	6.05510555	3.40067464	0.00077223	0.0424044	-0.6552632
205901_PM_at	PNOC	0.88371006	4.09981313	4.86529086	1.93E-06	0.00399354	4.66426134
38241_PM_at	BTN3A3	0.8825458	6.75253908	3.64912069	0.00031496	0.03146946	0.12906741
211649_PM_x_at	IGH@ /// IGHA1 /// IGHG1 /// IGHM	0.87881206	4.96350767	3.32887037	0.00099138	0.04724151	-0.87255084
226452_PM_at	PDK1	0.8773882	6.07919165	3.64727149	0.00031713	0.03146946	0.12304491
204285_PM_s_at	PMAIP1	0.87543958	4.23087013	3.96383374	9.41E-05	0.01716226	1.19374575
224406_PM_s_at	FCRL5	0.87525816	4.46765998	4.48531508	1.07E-05	0.00707409	3.1273913
220351_PM_at	CCRL1	0.87424144	5.47534631	3.60327015	0.00037306	0.03294826	-0.01944717
204972_PM_at	OAS2	0.8724994	4.99198194	3.39587457	0.00078534	0.04241523	-0.66992101
204198_PM_s_at	RUNX3	0.8715841	4.71070069	3.46609386	0.00061278	0.03922394	-0.45361199
235643_PM_at	SAMD9L	0.87080411	6.09690421	3.43954244	0.00067337	0.0399783	-0.53587775
240572_PM_s_at	LOC374443	0.86861393	4.27613857	4.32067358	2.18E-05	0.00866409	2.49455321
208983_PM_s_at	PECAM1	0.86608764	7.36186624	3.52924206	0.00048856	0.03630423	-0.25564565
210873_PM_x_at	APOBEC3A	0.86176438	4.06759433	4.92689464	1.45E-06	0.00347091	4.92324648
226390_PM_at	STARD4	0.85744638	6.47139191	4.53856842	8.48E-06	0.00698663	3.33641295
205997_PM_at	ADAM28	0.85724767	6.24413591	3.51396526	0.00051623	0.03638815	-0.30383535
202307_PM_s_at	TAP1	0.85141488	8.82106991	3.63651307	0.00033002	0.03150609	0.08806119
209970_PM_x_at	CASP1	0.84829484	7.98987285	3.59521867	0.00038425	0.03345736	-0.04535167
206118_PM_at	STAT4	0.83947711	4.77390413	3.39866465	0.0007777	0.04241523	-0.66140333
216542_PM_x_at	IGHA1 /// IGHG1 /// IGHM /// LOC100290293	0.8381902	4.42786772	3.44566443	0.00065893	0.03964915	-0.51696078
228167_PM_at	KLHL6	0.83494887	4.43950795	3.59898491	0.00037897	0.03307609	-0.03324083
38149_PM_at	ARHGAP25	0.83170982	6.08830447	3.59147913	0.00038955	0.0335756	-0.0573653
212613_PM_at	BTN3A2	0.83039958	7.51874733	4.5064547	9.77E-06	0.00698663	3.2101135
209879_PM_at	SELPLG	0.82913702	5.79695086	3.3364259	0.00096585	0.04698722	-0.84988694
206247_PM_at	MICB	0.82808607	4.99011571	4.4204403	1.42E-05	0.00738437	2.87560489
208092_PM_s_at	FAM49A	0.8258119	4.16422016	4.57768645	7.14E-06	0.00649663	3.49128933
201858_PM_s_at	SRGN	0.82411974	9.9875337	3.30796652	0.00106531	0.04891184	-0.9350093
221087_PM_s_at	APOL3	0.82308648	8.13290478	4.13829922	4.66E-05	0.0125856	1.81749249
201137_PM_s_at	HLA-DPB1	0.82172943	10.7690327	3.46603453	0.00061291	0.03922394	-0.45379645
210321_PM_at	GZMH	0.81847368	4.90184095	3.37578268	0.00084249	0.04366564	-0.73106956
202625_PM_at	LYN	0.81599851	7.79333939	3.85713018	0.00014304	0.0210461	0.82397274
211366_PM_x_at	CASP1	0.81153181	8.00151333	3.56237069	0.00043324	0.03423375	-0.15049227
218883_PM_s_at	MLF1IP	0.81084945	5.59465897	3.41254792	0.00074068	0.04152979	-0.61892488
202637_PM_s_at	ICAM1	0.80870807	6.6485428	3.8169572	0.00016705	0.02278327	0.68708244
207828_PM_s_at	CENPF	0.806749	4.35261734	3.75316308	0.00021315	0.02638086	0.47233371
230261_PM_at	ST8SIA4	0.80117723	4.17818303	3.63937138	0.00032655	0.03146946	0.09734663
204286_PM_s_at	PMAIP1	0.79779841	3.81301753	4.56021495	7.71E-06	0.00663527	3.42197652
205671_PM_s_at	HLA-DOB	0.79767881	4.77511979	3.56660648	0.00042661	0.033878	-0.13698331
224404_PM_s_at	FCRL5	0.79708597	3.98503879	3.44656417	0.00065683	0.03961489	-0.51417798
205789_PM_at	CD1D	0.79511071	4.62215376	3.42714988	0.00070353	0.04065003	-0.57407688
235276_PM_at	EPST11	0.79270898	6.30365676	3.61843712	0.00035281	0.0322825	0.02949262
205686_PM_s_at	CD86	0.79240314	4.40498521	3.50857227	0.00052635	0.03662389	-0.32080188

218009_PM_s_at	PRC1	0.79062523	4.60517826	3.8875585	0.00012708	0.01984218	0.92850672
207734_PM_at	LAX1	0.7884304	4.47318772	4.42153985	1.41E-05	0.00738437	2.8798462
235199_PM_at	RNF125	0.78808427	4.95130663	3.73282457	0.00023021	0.02687484	0.40454993
204683_PM_at	ICAM2	0.78631102	7.46687594	4.80313016	2.57E-06	0.00476204	4.40567937
1554406_PM_a_at	CLEC7A	0.78257909	4.52560291	4.19484054	3.69E-05	0.01107061	2.02468379
230866_PM_at	CYSLTR1	0.78246568	4.48813921	3.8887857	0.00012647	0.01983105	0.93273798
221724_PM_s_at	CLEC4A	0.77965474	4.70254955	3.45845212	0.00062968	0.03938499	-0.47734788
203213_PM_at	CDK1	0.77944845	5.73481136	3.70551143	0.00025516	0.02834131	0.31404106
1553043_PM_a_at	CD300LF	0.77944099	4.21552511	3.58407621	0.00040025	0.03366289	-0.08111456
228776_PM_at	GJC1	0.77858615	5.53761322	3.44677852	0.00065633	0.03961489	-0.51351491
230659_PM_at	EDEM1	0.7754032	4.8140349	3.56012864	0.00043679	0.03431837	-0.15763682
230836_PM_at	ST8SIA4	0.77313383	4.40698971	3.51150854	0.00052082	0.03643381	-0.31156721
213620_PM_s_at	ICAM2	0.77065486	8.56135253	5.19795574	3.94E-07	0.00169553	6.09448647
204882_PM_at	ARHGAP25	0.77064353	6.22736131	3.30676011	0.00106973	0.04900152	-0.9386029
228080_PM_at	LAYN	0.76817701	5.25036359	4.40808054	1.50E-05	0.00738437	2.82799185
204821_PM_at	BTN3A3	0.76442055	7.16558343	3.95598604	9.71E-05	0.01741277	1.16624557
213906_PM_at	MYBL1	0.76355361	4.42223664	4.29660523	2.41E-05	0.00910383	2.40374978
209514_PM_s_at	RAB27A	0.76088101	5.29832719	3.51752536	0.00050966	0.03638815	-0.29262219
227609_PM_at	EPSTI1	0.76082381	7.63351311	3.3195432	0.00102376	0.04777439	-0.90046403
219118_PM_at	FKBP11	0.75794376	7.09478305	3.54710417	0.00045796	0.03533014	-0.19906625
229121_PM_at	CMKLR1	0.75739295	5.34128629	3.58652434	0.00039668	0.03361941	-0.07326565
204220_PM_at	GMFG	0.7570573	8.40321122	3.46719534	0.00061038	0.03922394	-0.45018675
210116_PM_at	SH2D1A	0.74940873	4.28164691	3.35044488	0.0009201	0.04601239	-0.80771024
240413_PM_at	PYHIN1	0.74578943	3.91815006	3.49398293	0.00055466	0.03725181	-0.36658174
219888_PM_at	SPAG4	0.74529953	4.90563795	3.93065469	0.00010733	0.01805343	1.07780786
208982_PM_at	PECAM1	0.74496108	9.46312097	3.84263099	0.00015131	0.02145286	0.77441914
221978_PM_at	HLA-F	0.74490362	5.10146772	3.30671059	0.00106991	0.04900152	-0.93875039
209040_PM_s_at	PSMB8	0.74207835	8.77161493	4.02306693	7.43E-05	0.01516153	1.40286452
210559_PM_s_at	CDK1	0.74155021	4.61796579	3.58786624	0.00039474	0.03361941	-0.06896135
205298_PM_s_at	BTN2A2	0.739422	6.51227614	4.03759973	7.01E-05	0.01513299	1.45458928
204642_PM_at	S1PR1	0.73817056	6.8921836	4.32349455	2.15E-05	0.00866409	2.50522468
208997_PM_s_at	UCP2	0.73637937	4.44955508	4.02232732	7.46E-05	0.01516153	1.40023651
204951_PM_at	RHOH	0.73590426	4.2219845	3.35624631	0.00090176	0.04529024	-0.79020899
219117_PM_s_at	FKBP11	0.73489178	8.55121506	3.95075267	9.91E-05	0.01741277	1.14793344
1555758_PM_a_at	CDKN3	0.72818738	4.3339287	3.52431248	0.00049733	0.03638815	-0.27121643
202068_PM_s_at	LDLR	0.72725533	6.36761386	3.84573007	0.0001495	0.02136095	0.78499685
203729_PM_at	EMP3	0.72462237	6.72099301	3.83115078	0.00015816	0.0220038	0.73530145
207697_PM_x_at	LILRB2	0.72236408	5.70574078	3.61738443	0.00035418	0.0322825	0.02608987
211210_PM_x_at	SH2D1A	0.72113713	3.72881582	4.09347367	5.60E-05	0.01398983	1.65498074
228314_PM_at	LRR8C8	0.72004428	5.92940251	3.45588008	0.00063546	0.03958905	-0.48532613
204014_PM_at	DUSP4	0.71923393	3.98894629	4.47361839	1.13E-05	0.00707409	3.08176329
229905_PM_at	RAP1GDS1	0.71825793	4.78196218	3.70694249	0.0002538	0.02834131	0.31876845
230036_PM_at	SAMD9L	0.7154217	6.70776372	3.58883949	0.00039333	0.03361941	-0.06583862
229367_PM_s_at	GIMAP6	0.71392957	8.0002282	4.19944156	3.62E-05	0.01098304	2.04165174
203932_PM_at	HLA-DMB	0.71256362	9.4152204	3.45289063	0.00064225	0.03959612	-0.49459233
230011_PM_at	MEI1	0.71196908	4.15742956	3.81631964	0.00016746	0.02278327	0.68492025
223413_PM_s_at	LYAR	0.71170795	6.88309203	4.02357361	7.42E-05	0.01516153	1.40466512
204153_PM_s_at	MFNG	0.71101868	6.05523905	3.57775146	0.00040961	0.03379542	-0.10136984
226936_PM_at	CENPW	0.71032461	4.95197335	3.39472158	0.00078852	0.04241523	-0.67343906
204015_PM_s_at	DUSP4	0.70974624	4.4153943	3.86237755	0.00014016	0.0210461	0.84194751
223229_PM_at	UBE2T	0.7077672	5.20112238	4.53525904	8.61E-06	0.00698663	3.32336228
204820_PM_s_at	BTN3A2 /// BTN3A3	0.70755144	9.99779396	4.14168716	4.60E-05	0.01250319	1.82983817
205067_PM_at	IL1B	0.70705715	4.07369007	3.73672079	0.00022685	0.02684768	0.41750961
220646_PM_s_at	KLRF1	0.70616403	4.33869693	4.36023404	1.84E-05	0.0079602	2.6447553
219471_PM_at	C13orf18	0.70492373	4.8678755	3.4548474	0.0006378	0.03959612	-0.48852786
228071_PM_at	GIMAP7	0.70472199	8.701043	3.64581574	0.00031884	0.03146946	0.11830572
227780_PM_s_at	ECSCR	0.70368433	7.58356674	4.20503532	3.54E-05	0.01098304	2.06230262
228585_PM_at	ENTPD1	0.702569	4.73144202	3.42007585	0.00072131	0.04093925	-0.59582566
1553102_PM_a_at	CCDC69	0.70185676	6.10729772	3.75075852	0.0002151	0.02639123	0.46430265
203887_PM_s_at	THBD	0.69907057	6.76402712	3.31282831	0.00104767	0.04839957	-0.92051503
244413_PM_at	CLECL1	0.69874537	3.84333977	3.50574239	0.00053173	0.0366737	-0.32969529
204207_PM_s_at	RNGTT	0.69867845	4.56641436	5.06786169	7.41E-07	0.00210844	5.52596347
228339_PM_at	ECSCR	0.69825796	7.56957768	3.96620542	9.33E-05	0.01708585	1.20206613
200887_PM_s_at	STAT1	0.69819409	10.496976	3.57602135	0.00041221	0.03379542	-0.10690496
201663_PM_s_at	SMC4	0.6952858	5.05645322	3.48993643	0.00056276	0.03745597	-0.37924854
209714_PM_s_at	CDKN3	0.69502593	4.56985881	3.49715296	0.00054839	0.03689771	-0.35664926

218039_PM_at	NUSAP1	0.68791063	6.77971329	3.60225673	0.00037445	0.0329924	-0.02271058
213007_PM_at	FANCI	0.6860363	4.58571409	4.26063679	2.81E-05	0.00977117	2.26886911
218764_PM_at	PRKCH	0.68396163	7.44846885	3.79098824	0.00018455	0.0243075	0.59927327
219563_PM_at	C14orf139	0.68291847	7.67570405	3.4596995	0.00062689	0.03938499	-0.47347666
243606_PM_at	FAM55C	0.68207887	4.9483007	3.40373894	0.00076397	0.04218237	-0.64589596
202626_PM_s_at	LYN	0.67960322	7.69532959	3.33015165	0.000987	0.04724151	-0.86871077
213830_PM_at	TRD@	0.67724611	4.2900524	4.7466727	3.33E-06	0.00514126	4.17322744
228607_PM_at	OAS2	0.6743386	4.41733818	3.44379765	0.0006633	0.039783	-0.52273237
227354_PM_at	PAG1	0.67293079	5.23604817	3.39794216	0.00077967	0.04241523	-0.66360961
223586_PM_at	ARNTL2	0.67017728	3.83908273	4.28733981	2.51E-05	0.0092775	2.36891081
AFFX-HUMISGF3A/M97935_3	STAT1	0.66968287	10.0276386	3.62310097	0.00034679	0.03216369	0.04457893
212886_PM_at	CCDC69	0.66848561	6.6262218	3.63625758	0.00033033	0.03150609	0.08723155
229172_PM_at	HSPA12B	0.6680051	6.30771556	4.14452531	4.54E-05	0.01244994	1.84018719
234792_PM_x_at	IGHA1 /// IGHV4-31 /// LOC100290006	0.66777527	3.42948797	3.90570693	0.00011837	0.01888152	0.99120155
204562_PM_at	IRF4	0.6666606	4.80041157	3.60955313	0.00036454	0.03242815	0.00080381
211725_PM_s_at	BID	0.66649419	6.56644852	4.00101892	8.12E-05	0.01573271	1.32470573
218611_PM_at	IER5	0.66551651	7.97767129	4.08977363	5.68E-05	0.01403483	1.64163582
207777_PM_s_at	SP140	0.66535745	4.02867606	3.74071957	0.00022344	0.0267597	0.43082303
202659_PM_at	PSMB10	0.66523299	8.33285805	3.61462209	0.0003578	0.03235854	0.01716505
220784_PM_s_at	UTS2	0.66498488	3.50314945	3.39992903	0.00077425	0.04241523	-0.65754127
213475_PM_s_at	ITGAL	0.66391326	5.17757083	3.35750594	0.00089783	0.04520408	-0.78640539
209762_PM_x_at	SP110	0.66259257	7.11423348	3.61233617	0.00036082	0.03235854	0.00978416
211211_PM_x_at	SH2D1A	0.6621201	3.74475019	3.80651322	0.00017389	0.02348519	0.65170374
207485_PM_x_at	BTN3A1	0.66148039	5.19038974	3.98758087	8.57E-05	0.01627654	1.27725455
213982_PM_s_at	RABGAP1L	0.66049733	6.91472272	3.75042778	0.00021537	0.02639123	0.46319835
210176_PM_at	TLR1	0.66005335	5.87135864	3.38059786	0.00082845	0.04330671	-0.71644508
235291_PM_s_at	FLJ32255	0.65682118	3.94181761	3.64058865	0.00032508	0.03146946	0.10130299
240070_PM_at	TIGIT	0.65213926	3.84422482	3.36789489	0.00086597	0.04432384	-0.75498487
227210_PM_at	SFMBT2	0.65136418	5.84526094	3.37862911	0.00083417	0.04341584	-0.72242679
205739_PM_x_at	ZNF107	0.6511353	5.11875574	4.06139285	6.37E-05	0.01484159	1.53962729
228641_PM_at	CARD8	0.65008366	4.4246538	4.91912272	1.50E-06	0.00347091	4.89042436
39402_PM_at	IL1B	0.64885501	4.16446296	3.85815913	0.00014247	0.0210461	0.82749568
210439_PM_at	ICOS	0.64740069	3.68262513	3.7340838	0.00022912	0.02684768	0.40873705
218805_PM_at	GIMAP5	0.6472323	8.32043695	3.49891347	0.00054494	0.03689771	-0.35112959
203320_PM_at	SH2B3	0.64631831	7.52003685	4.08381463	5.82E-05	0.01416666	1.62016577
235751_PM_s_at	VMO1	0.64560028	4.03112254	4.49345229	1.03E-05	0.00707409	3.15919402
204982_PM_at	GIT2	0.6441595	5.11070435	4.0401418	6.94E-05	0.01513299	1.46365381
212022_PM_s_at	MKI67	0.6405435	3.75556848	4.51362342	9.47E-06	0.00698663	3.23824101
223414_PM_s_at	LYAR	0.63843812	6.59958537	4.66818951	4.76E-06	0.00586459	3.8539205
213226_PM_at	CCNA2	0.63791128	4.45661882	3.95231144	9.85E-05	0.01741277	1.15338551
205965_PM_at	BATF	0.63749956	4.63034865	3.61133839	0.00036215	0.03237147	0.0065638
200629_PM_at	WARS	0.63502476	9.54380735	3.68724162	0.00027325	0.02918316	0.25383282
206380_PM_s_at	CFP	0.63457045	3.8236203	5.17680568	4.37E-07	0.00169553	6.00126331
205992_PM_s_at	IL15	0.6340952	7.45243817	3.97128517	9.14E-05	0.01685682	1.21990186
211530_PM_x_at	HLA-G	0.63374322	9.11539668	3.61448932	0.00035798	0.03235854	0.01673624
211135_PM_x_at	LILRB3	0.63314241	4.88451808	3.56579433	0.00042787	0.03390564	-0.13957457
217371_PM_s_at	IL15	0.63166845	5.54912043	3.83345432	0.00015676	0.02191115	0.74314216
207111_PM_at	EMR1	0.63137675	3.63888623	5.15759827	4.80E-07	0.00169553	5.91686942
40420_PM_at	STK10	0.63125593	5.07855203	3.31880234	0.00102637	0.04781446	-0.9026781
224341_PM_x_at	TLR4	0.63083819	4.96066411	3.59939258	0.00037841	0.03307609	-0.03192924
209218_PM_at	SQLE	0.63017277	7.35416083	4.48540967	1.07E-05	0.00707409	3.12776072
219148_PM_at	PBK	0.63015407	3.7694608	3.73410799	0.0002291	0.02684768	0.40881752
234306_PM_s_at	SLAMF7	0.62872142	3.87490013	3.73868043	0.00022517	0.02679354	0.42403236
219777_PM_at	GIMAP6	0.62634613	8.32861524	3.78806302	0.00018662	0.02440323	0.58941576
203214_PM_x_at	CDK1	0.62211215	4.00639131	3.57458377	0.00041438	0.03379542	-0.11150234
209946_PM_at	VEGFC	0.61643907	6.52108351	3.95278235	9.84E-05	0.01741277	1.15503298
214710_PM_s_at	CENB1	0.61640508	4.87721965	3.4264709	0.00070522	0.04065003	-0.57616617
230264_PM_s_at	AP1S2	0.61483023	8.75692745	3.82334021	0.000163	0.02234028	0.70874732
209473_PM_at	ENTPD1	0.61423726	6.99686322	3.37414436	0.00084732	0.04381152	-0.73604104
210018_PM_x_at	MALT1	0.61280105	6.4796747	3.57435673	0.00041472	0.03379542	-0.11222826
218322_PM_s_at	ACSL5	0.61248453	6.42571216	3.44711733	0.00065554	0.03961489	-0.51246679
235306_PM_at	GIMAP8	0.61221383	7.34278475	3.39654353	0.0007835	0.04241523	-0.66787936
213577_PM_at	SQLE	0.61190951	6.4463023	4.24283803	3.02E-05	0.01007211	2.20248794
217360_PM_x_at	IGHA1 /// IGHG1 /// IGHG3 /// IGHM /// IGHV4-31	0.61116583	4.13565803	3.33254904	0.00097887	0.04720937	-0.86152203
206693_PM_at	IL7	0.61018067	4.95502558	3.69931147	0.00026117	0.02867653	0.29357908
206467_PM_x_at	RTEL1 /// TNFRSF6B	0.60863202	5.64339013	3.98314464	8.72E-05	0.01646327	1.26162071

224414_PM_s_at	CARD6	0.60820018	6.98131768	3.38907793	0.00080426	0.0425301	-0.69064335
204493_PM_at	BID	0.60750067	5.89112683	3.51412069	0.00051595	0.03638815	-0.30334601
209198_PM_s_at	SYT11	0.60748794	4.94446637	3.53936531	0.00047099	0.03584259	-0.22360799
219452_PM_at	DPEP2	0.60740687	4.36583725	3.69982793	0.00026067	0.02867653	0.2952824
213618_PM_at	ARAP2	0.60579774	6.6127428	3.33567387	0.00096836	0.04698722	-0.85214487
225622_PM_at	PAG1	0.6053221	4.09620295	3.91800985	0.0001128	0.01831822	1.03385012
242388_PM_x_at	TAGAP	0.60518643	3.49439837	4.40605375	1.51E-05	0.00738437	2.82019508
207840_PM_at	CD160	0.60360141	4.68500206	4.06836423	6.19E-05	0.01460146	1.5646266
222911_PM_s_at	CXorf36	0.60275726	3.9813476	3.82611553	0.00016126	0.02222146	0.71817722
204929_PM_s_at	VAMP5	0.60162132	8.31384131	3.61235049	0.00036081	0.03235854	0.00983039
227143_PM_s_at	BID	0.60026738	6.06157639	4.10308632	5.38E-05	0.01361473	1.6897001
227606_PM_s_at	STAMBPL1	0.59797851	4.47973111	3.32726619	0.00099688	0.04724151	-0.87735675
242943_PM_at	ST8SIA4	0.59754276	3.78071611	3.52025642	0.00050466	0.03638815	-0.28401327
219918_PM_s_at	ASPM	0.59736348	3.75255406	3.86138456	0.0001407	0.0210461	0.83854438
232234_PM_at	SLA2	0.59452094	3.95071655	4.15906757	4.28E-05	0.01199402	1.89331128
221875_PM_x_at	HLA-F	0.59425748	10.6221772	3.58567467	0.00039792	0.03361941	-0.07599029
219003_PM_s_at	MANEA	0.59306154	5.54245	3.62324049	0.00034661	0.03216369	0.04503051
212828_PM_at	SYNJ2	0.59296276	5.39133202	3.35972514	0.00089093	0.04516416	-0.77970105
219243_PM_at	GIMAP4	0.59174613	8.78435221	3.4669428	0.00061093	0.03922394	-0.45097216
204825_PM_at	MELK	0.59148505	4.27337457	3.85075376	0.00014662	0.0210461	0.8021597
210258_PM_at	RGS13	0.5905647	3.3204918	4.69034241	4.31E-06	0.00578382	3.94359573
210225_PM_x_at	LILRB3	0.59015029	4.80473873	3.41060277	0.00074577	0.04168858	-0.62488595
222848_PM_at	CENPK	0.58973787	3.82823606	4.35896076	1.85E-05	0.0079602	2.63990256
209310_PM_s_at	CASP4	0.58925697	7.95879415	3.40340832	0.00076486	0.04218237	-0.646907
230748_PM_at	SLC16A6	0.58910262	4.69945172	3.30473892	0.00107718	0.0492731	-0.94462084
205619_PM_s_at	MEOX1	0.58859685	3.95957119	3.7339283	0.00022926	0.02684768	0.40821993
219134_PM_at	ELTD1	0.58849413	8.55256586	3.8012895	0.00017741	0.02378683	0.634041
205474_PM_at	CRLF3	0.58158405	7.70073353	3.36928196	0.0008618	0.04423263	-0.75078307
233969_PM_at	IGL@	0.58079541	3.44578311	3.50796825	0.0005275	0.03662389	-0.32270066
208981_PM_at	PECAM1	0.58076316	9.14786403	3.85056587	0.00014673	0.0210461	0.80151743
226028_PM_at	ROBO4	0.57833064	8.1413312	4.11762338	5.07E-05	0.0130205	1.74234117
225372_PM_at	C10orf54	0.57778678	4.90933208	4.12751105	4.87E-05	0.01293795	1.77823921
225971_PM_at	DDHD1	0.57772869	5.78027645	3.74790903	0.00021744	0.0264742	0.45479149
207509_PM_s_at	LAIR2	0.57772092	3.65459405	3.34152608	0.00094897	0.04670377	-0.83456161
206316_PM_s_at	KNTC1	0.57348304	5.25078518	4.43125425	1.36E-05	0.00738437	2.91735687
64064_PM_at	GIMAP5	0.57212401	7.84405806	3.4183703	0.00072565	0.04095961	-0.60106318
220306_PM_at	FAM46C	0.56970122	4.5787638	3.76767263	0.00020172	0.02539013	0.52089245
205214_PM_at	STK17B	0.56827236	3.92314366	3.46145222	0.00062299	0.03934221	-0.46803501
205685_PM_at	CD86	0.56640949	5.22490392	3.67572199	0.00028527	0.02990596	0.21600738
216705_PM_s_at	ADA	0.5634382	4.89058505	3.35924857	0.00089241	0.04517712	-0.78114114
1554352_PM_s_at	DENND4A	0.56161628	6.29480101	4.07145823	6.12E-05	0.01456856	1.57573372
220615_PM_s_at	FAR2	0.56093166	4.40610647	4.02362503	7.42E-05	0.01516153	1.40484786
212624_PM_s_at	CHN1	0.56054925	6.22575425	3.59101092	0.00039022	0.0335756	-0.05886869
239975_PM_at	HLA-DPB2	0.55962079	3.64706214	3.39378202	0.00079112	0.04249079	-0.67630505
211343_PM_s_at	COL13A1	0.55312046	3.77972084	4.78552893	2.79E-06	0.00489899	4.33296358
223655_PM_at	CD163L1	0.55193664	4.14757797	4.2077586	3.50E-05	0.01098304	2.07236499
220377_PM_at	FAM30A /// KIAA0125	0.55019877	4.14988041	3.89063034	0.00012556	0.01977254	0.93910033
228003_PM_at	RAB30	0.54892339	4.50233357	4.8263997	2.31E-06	0.00450215	4.50215415
209373_PM_at	MALL	0.54889498	7.61722043	4.52285624	9.09E-06	0.00698663	3.27452341
203184_PM_at	FBN2	0.5449847	3.81022556	3.85871895	0.00014217	0.0210461	0.82941275
1553177_PM_at	SH2D1B	0.54388591	3.737682	5.76606727	2.18E-08	0.00026925	8.71087314
214186_PM_s_at	HCG26	0.54180666	4.43285108	3.77697987	0.00019469	0.02492704	0.55212905
1560396_PM_at	KLHL6	0.54125218	3.57227738	3.77648865	0.00019505	0.02492704	0.55047871
230526_PM_at	LOC100131096	0.54105647	4.35388979	3.40495157	0.00076073	0.04212599	-0.64218692
204677_PM_at	CDH5	0.54055951	7.72976611	3.69005038	0.0002704	0.02909105	0.26307169
228362_PM_s_at	FAM26F	0.5399902	3.62985678	3.36248934	0.00088241	0.04504078	-0.77134458
236673_PM_at	TIFAB	0.537276	3.86973014	3.68174423	0.00027893	0.02949149	0.23576849
202763_PM_at	CASP3	0.53696799	6.82014925	3.55530291	0.00044453	0.03463183	-0.17300077
202760_PM_s_at	AKAP2 /// PALM2-AKAP2	0.53448174	8.1568557	4.15568601	4.34E-05	0.01207065	1.88094369
238669_PM_at	PTGS1	0.53341078	4.72597756	3.580821	0.00040504	0.03375908	-0.09154356
204316_PM_at	RGS10	0.53186309	5.55399029	3.46960164	0.00060517	0.03915212	-0.44270054
243968_PM_x_at	FRIL1	0.53184937	3.67408241	3.57079955	0.00042014	0.03381329	-0.12359628
205297_PM_s_at	CD79B	0.53125925	4.72995948	3.52018026	0.0005048	0.03638815	-0.2842534
221903_PM_s_at	CYLD	0.53117132	7.43376206	3.67355184	0.00028759	0.03002812	0.20889346
207536_PM_s_at	TNFRSF9	0.53104012	3.66819994	4.02845763	7.28E-05	0.01516153	1.4220318
210548_PM_at	CCL23	0.53075942	3.7013667	3.60587555	0.0003695	0.03279084	-0.01105342

205467_PM_at	CASP10	0.52995771	5.78145326	4.50535329	9.82E-06	0.00698663	3.20579536
235670_PM_at	STX11	0.52883882	3.72655657	4.34232098	1.99E-05	0.00836954	2.5765972
227211_PM_at	PRF19	0.52615947	4.26911239	3.94037732	0.00010329	0.01769664	1.11169238
1553681_PM_a_at	PHF1	0.52543727	5.01267602	3.92434242	0.00011003	0.0182067	1.05584857
229074_PM_at	EHD4	0.52123962	7.64161109	3.32449203	0.00100646	0.04742109	-0.88566275
200904_PM_at	HLA-E	0.52060541	10.4547579	3.77122669	0.000199	0.02522041	0.53281231
213008_PM_at	FANCI	0.51972864	4.14536636	4.005388	7.98E-05	0.01562416	1.34016374
224405_PM_at	FCRL5	0.51928373	3.18426896	5.79551354	1.87E-08	0.00026925	8.85223588
207224_PM_s_at	SIGLEC7	0.51739937	4.23227802	3.30807154	0.00106493	0.04891184	-0.93469642
227868_PM_at	LOC154761	0.51586919	5.16316827	3.50097751	0.00054091	0.03689771	-0.34465508
230276_PM_at	FAM49A	0.51546211	3.70159638	4.0082474	7.89E-05	0.01552878	1.35028851
227212_PM_s_at	PHF19	0.51449098	4.00919803	4.24077166	3.05E-05	0.01007211	2.19479697
203964_PM_at	NMI	0.5124078	8.70549467	3.54270538	0.00046532	0.03565162	-0.21301922
235292_PM_at	FLJ32255	0.51197084	3.76197946	3.56872389	0.00042333	0.03381329	-0.13022493
209574_PM_s_at	C18orf1	0.51071813	4.13240277	3.61828596	0.000353	0.0322825	0.02900394
218662_PM_s_at	NCAPG	0.5105589	3.93678049	3.82568806	0.00016153	0.02222146	0.71672438
224791_PM_at	ASAP1	0.50918206	8.0838412	3.37841331	0.00083479	0.04341584	-0.72308226
212538_PM_at	DOCK9	0.50903259	8.09114454	3.53818741	0.000473	0.03584259	-0.22734003
206702_PM_at	TEK	0.50880335	8.94434606	3.85158418	0.00014615	0.0210461	0.80499868
236341_PM_at	CTLA4	0.50833859	3.51558714	3.32521268	0.00100396	0.04742109	-0.88350569
219091_PM_s_at	MMRN2	0.50707055	7.84270286	3.64532051	0.00031943	0.03146946	0.11669389
218252_PM_at	CKAP2	0.5065235	6.64531833	3.59216173	0.00038858	0.0335756	-0.05517324
206148_PM_at	IL3RA	0.50603864	4.62223064	3.42838137	0.00070048	0.04063657	-0.57028654
206115_PM_at	EGR3	0.50196594	3.71741491	3.4545225	0.00063853	0.03959612	-0.48953503
238462_PM_at	UBASH3B	0.49993146	3.89736482	3.51522736	0.00051389	0.03638815	-0.29986132
207165_PM_at	HMMR	0.49801352	4.89373462	3.43177236	0.00069214	0.04035458	-0.55984314
204962_PM_s_at	CENPA	0.4971257	3.72385235	3.36476946	0.00087544	0.04474672	-0.76444682
207072_PM_at	IL18RAP	0.49641664	4.50485201	3.63372039	0.00033345	0.03164009	0.07899534
230012_PM_at	C17orf44	0.49473339	5.36189765	3.95040514	9.93E-05	0.01741277	1.14671816
218308_PM_at	TACC3	0.49445181	4.74439265	4.12626838	4.89E-05	0.01293795	1.77372345
239108_PM_at	FAR2	0.49259651	4.39673353	3.53770812	0.00047382	0.03584259	-0.22885828
204822_PM_at	TTK	0.49216659	3.39955141	4.29035996	2.48E-05	0.00925261	2.38025974
229910_PM_at	SHE	0.49143352	7.48057135	3.50022596	0.00054238	0.03689771	-0.34701297
203302_PM_at	DCK	0.48995953	7.64257221	3.35617501	0.00090199	0.04529024	-0.79042426
229419_PM_at	FBXW7	0.4867867	7.42807915	3.67857239	0.00028225	0.02971681	0.22535692
232068_PM_s_at	TLR4	0.48362025	3.95283387	4.38575046	1.65E-05	0.0074866	2.74226091
219183_PM_s_at	CYTH4	0.4826049	4.49981505	3.5156609	0.00051309	0.03638815	-0.29849592
205053_PM_at	PRIM1	0.48144937	5.11895522	3.51339666	0.00051729	0.0363934	-0.30562529
206589_PM_at	GF11	0.48087853	3.72859988	4.50634999	9.77E-06	0.00698663	3.20970296
225970_PM_at	DDHD1	0.4794345	4.74712362	3.55908803	0.00043845	0.03437555	-0.16095147
219569_PM_s_at	TMEM22	0.47862779	4.74987928	3.42007287	0.00072131	0.04093925	-0.59583482
213069_PM_at	HEG1	0.47757424	9.4004108	4.01417738	7.70E-05	0.01548082	1.37130607
204162_PM_at	NDC80	0.47739469	4.43332418	3.50311249	0.00053678	0.03687084	-0.33795441
230128_PM_at	IGL@	0.47720224	3.80579157	4.30601273	2.32E-05	0.00893118	2.43918956
204146_PM_at	RAD51AP1	0.47617539	3.90692451	3.46518241	0.00061478	0.03922394	-0.45644554
218875_PM_s_at	FBXO5	0.47514528	4.21719231	4.5928165	6.67E-06	0.00638413	3.55149474
228401_PM_at	ATAD2	0.47335164	4.09329723	3.76389294	0.00020464	0.02558385	0.5082269
225939_PM_at	EIF4E3	0.47142856	6.21422226	3.61991413	0.00035089	0.0322825	0.03426847
204116_PM_at	IL2RG	0.47064132	4.49103509	3.83985625	0.00015294	0.02151928	0.76495495
205885_PM_s_at	ITGA4	0.46994913	3.51812935	4.10182065	5.41E-05	0.01361473	1.68512462
218746_PM_at	TAPBP1	0.46890324	7.09681339	3.33228742	0.00097975	0.04720937	-0.86230675
227711_PM_at	GTSF1	0.46823616	3.6183381	3.61836318	0.0003529	0.0322825	0.02925357
238429_PM_at	TMEM71	0.46734419	4.33197294	3.32081697	0.00101928	0.04762542	-0.89665628
244033_PM_at	C14orf145	0.4665987	4.09418944	4.34181351	1.99E-05	0.00836954	2.57466983
215151_PM_at	DOCK10	0.46070441	3.95080414	3.60003711	0.00037751	0.03307609	-0.0298553
203700_PM_s_at	DIO2	0.45902615	4.13873139	3.33467972	0.00097169	0.04700458	-0.85512905
209939_PM_x_at	CFLAR	0.45816811	9.03351782	3.76073097	0.00020711	0.02580608	0.49764006
201664_PM_at	SMC4	0.45757059	7.87337564	3.52554955	0.00049512	0.03638815	-0.26731081
216573_PM_at	IGLV1-44 /// LOC100290557	0.45748265	3.51318031	4.03367371	7.12E-05	0.01515262	1.4405997
207351_PM_s_at	SH2D2A	0.45515222	3.74371954	4.40421674	1.52E-05	0.00738437	2.81313098
1560397_PM_s_at	KLHL6	0.45358707	4.71415234	3.546466	0.00045902	0.03533014	-0.20108637
230061_PM_at	TM4SF18	0.45141012	8.84046049	3.43827341	0.00067641	0.03998572	-0.53979521
210044_PM_s_at	LYL1	0.45109648	5.67596733	3.46325882	0.000619	0.03922394	-0.46242344
219258_PM_at	TIPIN	0.45036167	5.54534651	3.43113132	0.00069371	0.0403637	-0.56181811
205126_PM_at	VRK2	0.44894989	8.15474982	4.30219126	2.35E-05	0.00898312	2.42478529
203764_PM_at	DLGAP5	0.44769914	3.42864809	3.3300534	0.00098734	0.04724151	-0.8690053

219544_PM_at	C13orf34	0.44729542	4.38580216	3.43212862	0.00069127	0.04035458	-0.5587454
230846_PM_at	AKAP5	0.44597247	4.16626125	3.74365216	0.00022098	0.02667257	0.44059481
228069_PM_at	FAM54A	0.44580037	3.53446354	4.52348161	9.07E-06	0.00698663	3.2769832
234350_PM_at	IGLC1 /// LOC100293277	0.44574519	4.28925758	3.8609811	0.00014092	0.0210461	0.83716188
225541_PM_at	RPL22L1	0.44573057	9.21543603	3.43164062	0.00069246	0.04035458	-0.56024903
226909_PM_at	ZNF518B	0.44415785	7.35303536	3.39470471	0.00078857	0.04241523	-0.67349051
214787_PM_at	DENND4A	0.44343478	4.660209	3.41342284	0.0007384	0.04146497	-0.61624262
1568592_PM_at	TRIM69	0.44263277	8.93098619	3.50809203	0.00052726	0.03662389	-0.32231158
203755_PM_at	BUB1B	0.44109235	4.03105269	3.61055331	0.0003632	0.0323869	0.0040305
218238_PM_at	GTPBP4	0.44095062	7.15420404	3.34184142	0.00094793	0.04670377	-0.83361333
236471_PM_at	NFE2L3	0.44008379	3.91368746	3.30416016	0.00107932	0.04931005	-0.94634343
239529_PM_at	CSorf20	0.43762461	3.6234137	3.46474626	0.00061573	0.03922394	-0.45780119
226349_PM_at	C12orf45	0.43636493	6.76159567	3.3912503	0.00079816	0.0425301	-0.68402413
215629_PM_s_at	DLEU2 /// DLEU2L	0.43612377	4.11315322	3.44175395	0.00066812	0.0398782	-0.5290477
235668_PM_at	PRDM1	0.43607729	4.21211006	4.40585673	1.51E-05	0.00738437	2.81943733
222753_PM_s_at	SPCS3	0.43584182	8.40180561	3.41205331	0.00074197	0.04153918	-0.62044095
209828_PM_s_at	IL16	0.43547629	4.03819999	3.625388	0.00034388	0.03216369	0.05198325
204479_PM_at	OSTF1	0.43374473	8.51834349	3.29958801	0.00109636	0.04990401	-0.95994198
228737_PM_at	TOX2	0.43277408	3.99830325	3.32424343	0.00100732	0.04742109	-0.88640675
223381_PM_at	NUF2	0.43219135	3.52112515	3.69854783	0.00026192	0.02867653	0.29106096
205733_PM_at	BLM	0.43212751	3.72148893	3.92279194	0.0001107	0.0182067	1.05045952
238423_PM_at	SYTL3	0.43058767	5.20234556	3.45217329	0.00064388	0.03959612	-0.49681473
203347_PM_s_at	MTF2	0.43002924	4.97010036	3.48028771	0.00058253	0.03835753	-0.40939814
220104_PM_at	ZC3HAV1	0.4262476	4.36074643	3.49202111	0.00055857	0.03731151	-0.37272449
204601_PM_at	N4BP1	0.42543027	6.76001349	3.92710581	0.00010884	0.0182067	1.06545809
204643_PM_s_at	ENOX2	0.42401363	5.90959924	3.79666143	0.00018058	0.02403818	0.61841039
219119_PM_at	NAA38	0.42298241	8.20176138	4.12391096	4.94E-05	0.01293929	1.76516005
204092_PM_s_at	AURKA	0.42221785	4.57322723	3.57179374	0.00041862	0.03381329	-0.12042008
221239_PM_s_at	FCRL2	0.42079348	3.40126597	4.63438983	5.54E-06	0.00621372	3.71778875
209061_PM_at	NCOA3	0.42052579	7.66304857	4.14771114	4.48E-05	0.01237983	1.8518114
231779_PM_at	IRAK2	0.42013312	5.36959268	4.44659415	1.27E-05	0.00738437	2.97673316
242020_PM_s_at	ZBP1	0.41679532	3.57976165	3.7095057	0.00025136	0.02834131	0.32723984
236401_PM_at	GIMAP1	0.41660525	4.50266807	3.77554494	0.00019576	0.02492704	0.5473087
218319_PM_at	PEL1	0.41446062	7.80348884	3.6931196	0.00026731	0.02900853	0.27317453
212918_PM_at	RECQL	0.41366399	8.55652225	3.47133268	0.00060145	0.03904207	-0.4373122
208808_PM_s_at	HMG2	0.41327829	9.296472	3.42423375	0.00071081	0.0407185	-0.58304737
230224_PM_at	ZCCHC18	0.41305989	3.7799052	3.65297268	0.00031049	0.03139312	0.14162151
203944_PM_x_at	BTN2A1	0.41272812	8.16200275	3.29821475	0.00110153	0.0499581	-0.96402299
205903_PM_s_at	KCNN3	0.41236084	3.39579876	4.47633181	1.11E-05	0.00707409	3.0923391
207038_PM_at	SLC16A6	0.40963769	4.88114454	3.39190816	0.00079633	0.0425301	-0.68201884
205061_PM_s_at	EXOSC9	0.40934536	7.11751812	3.44228146	0.00066687	0.03986806	-0.52741794
217850_PM_at	GNL3	0.40880917	8.34547927	3.50237734	0.0005382	0.03688282	-0.34026211
214512_PM_s_at	SUB1	0.40785564	10.352549	4.11846549	5.05E-05	0.0130205	1.74539559
209536_PM_s_at	EHD4	0.40774143	8.60516882	3.64460994	0.00032027	0.03146946	0.11438154
205581_PM_s_at	NOS3	0.40577399	4.15613859	4.44864552	1.26E-05	0.00738437	2.98468675
212621_PM_at	TMEM194A	0.40500806	6.33316832	3.43442432	0.00068568	0.0403495	-0.55166922
210115_PM_at	RPL39L	0.40456738	5.3337581	3.42455123	0.00071001	0.0407185	-0.5820711
220066_PM_at	NOD2	0.40221938	3.7031321	3.37362387	0.00084886	0.04381152	-0.73762002
207237_PM_at	KCNA3	0.40126769	3.36803828	4.67905342	4.53E-06	0.00578382	3.89785308
214615_PM_at	P2RY10	0.39463329	3.28108801	4.38441166	1.66E-05	0.0074866	2.7371328
230673_PM_at	PKHD1L1	0.39447653	3.52153514	4.98310293	1.11E-06	0.00293349	5.16189502
211269_PM_s_at	IL2RA	0.39377931	3.69927609	3.39848167	0.0007782	0.04241523	-0.66196214
32069_PM_at	N4BP1	0.39296326	8.07172143	3.43264127	0.00069001	0.04035458	-0.55716561
201626_PM_at	INSIG1	0.39202592	8.83821353	3.44292821	0.00066535	0.03984118	-0.52541948
206686_PM_at	PDK1	0.39090076	3.8433355	4.00155249	8.10E-05	0.01573271	1.32659271
223556_PM_at	HELLS	0.39079873	3.99869966	3.50092962	0.00054101	0.03689771	-0.34480535
233197_PM_at	KLHL9	0.38835297	4.75480448	3.36071482	0.00088787	0.04508489	-0.77670988
220603_PM_s_at	MCTP2	0.38799656	4.56762714	3.32427104	0.00100722	0.04742109	-0.88632412
214228_PM_x_at	TNFRSF4	0.38789381	3.59321823	4.26016942	2.81E-05	0.00977117	2.26712293
222594_PM_s_at	SPATS2	0.38692031	4.63605401	3.53313436	0.00048173	0.03600382	-0.24333731
238614_PM_x_at	ZNF430	0.38571198	3.97400538	3.40936491	0.00074902	0.04180727	-0.62867787
203699_PM_s_at	DIO2	0.38557047	3.9053873	3.3174872	0.00103102	0.04787211	-0.90660732
238693_PM_at	PHC3	0.38547997	4.50020951	3.85088675	0.00014655	0.0210461	0.80261431
231377_PM_at	CXorf65	0.3829685	3.55950904	3.82783061	0.0001602	0.02220383	0.72400773
211063_PM_s_at	NCK1	0.38029207	8.79742358	4.04748904	6.74E-05	0.01511516	1.48988088
208995_PM_s_at	PPIG	0.3800242	8.37030518	4.19996833	3.61E-05	0.01098304	2.04359543

204444_PM_at	KIF11	0.37796903	3.65040913	3.51511966	0.00051409	0.03638815	-0.30020049
239142_PM_at	RFESD	0.37773648	4.362385	3.77519735	0.00019602	0.02492704	0.54614128
221253_PM_s_at	MUTED /// TXNDC5	0.37338169	10.5387757	3.5193489	0.00050632	0.03638815	-0.28687464
242230_PM_at	ATXN1	0.37235418	4.25072347	4.12277451	4.97E-05	0.01293929	1.7610334
226221_PM_at	KIAA1432	0.37132493	7.03271616	3.34881559	0.00092531	0.04614828	-0.81262036
218726_PM_at	HJURP	0.36975116	3.98753398	3.53765444	0.00047391	0.03584259	-0.22902832
238600_PM_at	JAKMIP1	0.36940757	4.02022309	3.92468325	0.00010988	0.0182067	1.05703347
205534_PM_at	PCDH7	0.3690619	3.58943925	3.58110495	0.00040462	0.03375908	-0.09063417
214482_PM_at	ZBTB25	0.36687211	4.46904494	3.94734624	0.00010049	0.017459	1.13602548
239083_PM_at	ZNF786	0.36611599	5.39882244	3.99744263	8.24E-05	0.01579348	1.31206371
1552307_PM_a_at	TTC39C	0.36185189	3.80593577	3.64725404	0.00031715	0.03146946	0.12298807
226748_PM_at	LYSMD2	0.36143035	8.75756664	3.70485279	0.0002558	0.02834131	0.31186588
221025_PM_x_at	PUS7L	0.36098962	5.44578054	3.45172867	0.0006449	0.03959612	-0.49819201
32541_PM_at	PPP3CC	0.35948705	6.13738625	3.42293638	0.00071407	0.04082329	-0.58703603
225365_PM_at	ZDHHC20	0.3591129	8.84147682	3.44012903	0.00067198	0.0399783	-0.5340665
231323_PM_at	PSMB2	0.35819767	3.64061875	3.63471131	0.00033223	0.03160538	0.08221144
235816_PM_s_at	RGL4	0.35793377	3.63196871	3.61890468	0.0003522	0.0322825	0.03100426
1555888_PM_at	UBR5	0.35749236	5.03997727	3.33342429	0.00097591	0.0471471	-0.85889452
203664_PM_s_at	POLR2D	0.35685642	5.19703108	3.33003332	0.00098741	0.04724151	-0.86906546
220658_PM_s_at	ARNTL2	0.35654559	3.64624476	3.4491044	0.00065094	0.03961489	-0.5063178
225707_PM_at	ARL6IP6	0.35617826	8.02245987	3.40826132	0.00075193	0.04184354	-0.63205742
241819_PM_at	TNFSF8	0.35386087	3.46338772	3.3825407	0.00082285	0.04319201	-0.71053895
235030_PM_at	FAM55C	0.35354958	3.78947492	3.42174722	0.00071707	0.04082436	-0.59069083
206983_PM_at	CCR6	0.35316341	3.42925504	3.3826538	0.00082252	0.04319201	-0.71019502
215716_PM_s_at	ATP2B1	0.35304543	7.68453328	3.63229392	0.00033521	0.03172608	0.07436702
1559003_PM_a_at	CCDC163P	0.35278103	3.82682849	4.39628853	1.58E-05	0.00738437	2.78267267
229971_PM_at	GPR114	0.35101669	3.64819293	4.60503911	6.32E-06	0.00635267	3.60025379
203616_PM_at	POLB	0.35097322	8.25145656	3.68312863	0.00027749	0.02949149	0.24031534
239835_PM_at	KBTBD8	0.35061633	3.80910545	3.76618207	0.00020286	0.025448	0.5158963
1555785_PM_a_at	XRN1	0.35037505	3.79528232	3.46253276	0.0006206	0.03925821	-0.46467898
208056_PM_s_at	CBFA2T3	0.35018065	3.62257148	3.85591723	0.00014372	0.0210461	0.8198209
220169_PM_at	TMEM156	0.34982865	3.70580819	3.77022896	0.00019976	0.02523003	0.52946504
203843_PM_at	RPS6KA3	0.34861741	7.93811353	3.62705204	0.00034177	0.03210026	0.05737331
210370_PM_s_at	LY9	0.34709833	3.5310521	3.52628631	0.0004938	0.03638815	-0.26498416
203675_PM_at	NUCB2	0.34669082	8.85723755	3.3889936	0.00080449	0.0425301	-0.69090023
220112_PM_at	ANKRD55	0.34222129	3.55773284	3.51913996	0.00050607	0.03638815	-0.28753328
215733_PM_x_at	CTAG2	0.34088508	3.32652345	3.39003088	0.00080158	0.0425301	-0.68774019
207723_PM_s_at	KLRC3	0.33836763	3.41232486	3.68995519	0.00027049	0.02909105	0.26275849
223750_PM_s_at	TLR10	0.33568968	3.45779506	4.03543057	7.07E-05	0.01513299	1.44685841
201004_PM_at	SSR4	0.334579	10.9573138	3.49733939	0.00054802	0.03689771	-0.35606485
203856_PM_at	VRK1	0.3334886	7.14993576	3.84372467	0.00015067	0.02144449	0.7781512
220239_PM_at	KLHL7	0.33312657	4.06389636	3.71603741	0.00024526	0.02801279	0.34885084
220704_PM_at	IKZF1	0.32808139	3.67259233	3.32958086	0.00098895	0.04724151	-0.87042165
217540_PM_at	FAM55C	0.32696373	3.51651353	3.98729625	8.58E-05	0.01627654	1.27625103
207759_PM_s_at	DISC1 /// TSNAX /// TSNAX-DISC1	0.32694304	4.03779027	3.39252431	0.00079461	0.0425301	-0.6801404
216873_PM_s_at	ATP8B2	0.32636377	4.50078424	4.17006227	4.09E-05	0.01182094	1.93358371
1555243_PM_x_at	C8orf59	0.32584526	8.54649681	3.31299074	0.00104709	0.04839957	-0.92003043
217503_PM_at	STK17B	0.32351809	3.59185227	3.3917971	0.00079664	0.0425301	-0.68235739
1552623_PM_at	HSH2D	0.32222689	3.46226024	3.81510133	0.00016825	0.0228064	0.68078943
209642_PM_at	BUB1	0.32141864	3.41969884	3.34433585	0.00093978	0.0465873	-0.82610944
218247_PM_s_at	MEX3C	0.32011206	8.60029331	3.47353512	0.00059674	0.03887858	-0.43045296
1570505_PM_at	ABCB4	0.31899628	3.67174119	3.95793066	9.64E-05	0.01741277	1.17305549
225702_PM_at	C8orf76	0.31476166	6.30642044	3.57926809	0.00040735	0.03379542	-0.09651573
206370_PM_at	PIK3CG	0.31372801	3.67475836	3.34444997	0.00093941	0.0465873	-0.82576602
219306_PM_at	KIF15	0.3113212	3.37274323	4.41657412	1.44E-05	0.00738437	2.86069905
229454_PM_at	BCLAF1	0.30658353	3.82998219	3.45828271	0.00063006	0.03938499	-0.47787355
207796_PM_x_at	KLRD1	0.30634584	3.53708211	3.72037861	0.00024128	0.02772965	0.36323316
209898_PM_x_at	ITSN2	0.3008397	8.96319746	3.69717357	0.00026327	0.02873967	0.28653044
209891_PM_at	SPC25	0.30072113	3.37828289	3.94762363	0.00010038	0.017459	1.13699484
202963_PM_at	RFX5	0.30056412	8.30369106	3.53970608	0.00047041	0.03584259	-0.22252808
1554519_PM_at	CD80	0.30044308	3.42106212	4.66118411	4.91E-06	0.00586459	3.82563698
202863_PM_at	SP100	0.29660987	8.4190299	3.34374213	0.00094171	0.04658971	-0.82789598
203806_PM_s_at	FANCA	0.29534861	3.9354134	3.99893978	8.19E-05	0.01578118	1.31735485
202168_PM_at	TAF9	0.29225519	8.97432689	3.4343619	0.00068583	0.0403495	-0.55186168
219441_PM_s_at	LRRK1	0.29100888	4.86574579	3.30164828	0.00108865	0.049614	-0.95381645
226323_PM_at	ZNF830	0.28795627	7.74741987	3.51623652	0.00051203	0.03638815	-0.29668281

201306_PM_s_at	ANP32B	0.28783524	10.3526165	3.47459511	0.00059449	0.03880011	-0.42715035
214047_PM_s_at	MBD4	0.28743435	8.4988845	4.32214936	2.16E-05	0.00866409	2.50013518
203102_PM_s_at	MGAT2	0.28555345	8.97514745	3.97570364	8.98E-05	0.01670187	1.23543216
227189_PM_at	CPNE5	0.28224735	3.80502293	3.41820152	0.00072609	0.04095961	-0.60158132
226387_PM_at	RSBN1L	0.28140917	7.09307101	3.51404405	0.00051609	0.03638815	-0.3035873
202557_PM_at	HSPA13	0.28124335	8.36885336	3.47252564	0.0005989	0.03895028	-0.43359735
231854_PM_at	PIK3CA	0.28068197	4.09469775	3.64230992	0.00032301	0.03146946	0.10689953
221591_PM_s_at	FAM64A	0.27988178	4.25773531	3.85865812	0.0001422	0.0210461	0.82920441
220078_PM_at	USP48	0.27921082	4.13401342	3.55667557	0.00044231	0.03460516	-0.16863247
208644_PM_at	PARP1	0.26992864	8.19516381	3.35843209	0.00089494	0.04519833	-0.78360793
210335_PM_at	RASSF9	0.26317876	4.08378395	3.33911889	0.0009569	0.0467781	-0.84179754
212250_PM_at	MTDH	0.26223607	8.96671487	3.52092944	0.00050344	0.03638815	-0.2818908
201202_PM_at	PCNA	0.26212468	9.25172681	3.35809014	0.00089601	0.04519833	-0.78464087
209753_PM_s_at	TMPO	0.26060372	4.2525838	3.32888376	0.00099133	0.04724151	-0.87251073
207585_PM_s_at	RPL36AL	0.25860115	11.4201752	4.08774397	5.73E-05	0.01403483	1.63431997
220495_PM_s_at	TXNDC15	0.25654792	9.03178247	3.7952049	0.00018159	0.02408597	0.61349473
224499_PM_s_at	AICDA	0.25468509	3.67177061	4.04847579	6.71E-05	0.01511516	1.49340641
208066_PM_s_at	GTF2B	0.25178254	9.02965647	3.64270944	0.00032254	0.03146946	0.10819886
212519_PM_at	UBE2E1	0.25138053	10.3319185	3.52026063	0.00050466	0.03638815	-0.28399997
230464_PM_at	S1PR5	0.2513785	4.53947886	3.37390707	0.00084802	0.04381152	-0.73676092
236835_PM_at	LOC645431	0.25110975	3.55698174	3.53933136	0.00047105	0.03584259	-0.22371558
1559018_PM_at	PTPRE	0.25053607	3.42118593	3.40463937	0.00076156	0.04212599	-0.64314195
225169_PM_at	INTS4	0.24755293	7.27015011	3.33006899	0.00098729	0.04724151	-0.86895856
201624_PM_at	DARS	0.24681255	9.1389123	3.53329574	0.00048145	0.03600382	-0.24282669
221918_PM_at	CDK17	0.24565635	8.01691336	3.42226427	0.00071576	0.04082329	-0.58910187
224399_PM_at	PDCD1LG2	0.24522937	3.49593918	3.50697352	0.00052939	0.0366737	-0.32582703
1554020_PM_at	BICD1	0.24365175	3.66243032	3.32722525	0.00099702	0.04724151	-0.87747938
1556072_PM_at	C22orf37	0.24354162	3.74872351	3.58176226	0.00040365	0.03375908	-0.08852884
236707_PM_at	DAPP1	0.2428873	3.5252985	3.57262433	0.00041735	0.03379542	-0.11776593
220012_PM_at	ERO1LB	0.24041111	4.15370033	3.3728909	0.00085103	0.04386243	-0.7398432
217887_PM_s_at	EPS15	0.23996844	9.42636577	3.34551692	0.00093595	0.04655323	-0.8225547
1555348_PM_at	TFAP2E	0.23849	3.58311944	3.90582136	0.00011832	0.01888152	0.9915977
227916_PM_x_at	EXOSC3	0.23634143	7.87604217	3.61210402	0.00036113	0.03235854	0.00903482
228859_PM_at	C4orf21	0.23504439	3.91683539	4.52465986	9.02E-06	0.00698663	3.28161847
232792_PM_at	TRIM69	0.23477793	3.98262154	3.73167211	0.00023122	0.02690722	0.40071889
242157_PM_at	CHD9	0.23012909	3.51850105	3.35140795	0.00091703	0.04592104	-0.80480684
224303_PM_x_at	NIN	0.23000665	3.8483054	3.50573645	0.00053175	0.0366737	-0.32971396
224721_PM_at	WDR75	0.22901931	8.43855325	3.31750634	0.00103096	0.04787211	-0.90655013
220384_PM_at	TXNDC3	0.22587025	3.51411107	3.4196436	0.00072241	0.04093925	-0.59715328
233210_PM_at	FLJ12120	0.22446022	3.5925439	3.74785888	0.00021748	0.0264742	0.45462415
211786_PM_at	TNFRSF9	0.21987833	3.46597311	3.78238376	0.00019071	0.02467689	0.57029698
234133_PM_s_at	LOC728543	0.21920299	4.11051124	3.65756762	0.00030523	0.03103125	0.15661256
227165_PM_at	SKA3	0.21896114	3.5973873	3.45303573	0.00064192	0.03959612	-0.49414275
224586_PM_x_at	SUB1	0.2168658	11.2045667	3.56831122	0.00042397	0.03381329	-0.13154236
222142_PM_at	CYLD	0.21172645	3.74397566	3.46399686	0.00061738	0.03922394	-0.4601302
216302_PM_at	HNRNPC /// HNRNPCL1 /// LOC440563 /// LOC645	0.20878576	3.90550132	3.84079731	0.00015238	0.02151928	0.76816406
218048_PM_at	COMMD3	0.2072637	9.56546167	3.5167572	0.00051107	0.03638815	-0.29504253
218059_PM_at	ZNF706	0.20155163	10.3220299	3.52522263	0.0004957	0.03638815	-0.26834306
220742_PM_s_at	NGLY1	0.19205613	9.07389243	3.3873794	0.00080905	0.04270992	-0.69581609
200833_PM_s_at	RAP1B	0.19143665	10.5827811	3.32792095	0.00099463	0.04724151	-0.87539543
1554940_PM_a_at	LOC388882	0.18034826	3.881333	3.34414347	0.00094041	0.0465873	-0.82668834
201676_PM_x_at	PSMA1	0.17144466	10.8010623	3.64760038	0.00031674	0.03146946	0.12411584
211746_PM_x_at	PSMA1	0.16072638	10.6097232	3.3819736	0.00082448	0.04321636	-0.71226321
200845_PM_s_at	PRDX6	-0.18397561	11.0157477	-3.62711747	0.00034169	0.03210026	0.0575853
200844_PM_s_at	PRDX6	-0.18707946	11.4538822	-3.43877756	0.0006752	0.0399783	-0.53823906
213565_PM_s_at	SMAD6	-0.20623072	3.68872502	-3.41771451	0.00072733	0.04096749	-0.60307637
202515_PM_at	DLG1	-0.21009106	9.35577432	-3.33964507	0.00095516	0.0467723	-0.84021627
225480_PM_at	C1orf122	-0.22457384	9.78184795	-3.37242393	0.00085242	0.04387277	-0.74125934
224707_PM_at	C5orf32	-0.22984273	11.6807574	-3.40652284	0.00075654	0.04203673	-0.63737918
225096_PM_at	C17orf79	-0.23936736	9.57670965	-3.32859793	0.00099231	0.04724151	-0.8733672
224689_PM_at	MANBAL	-0.24096496	9.39752884	-3.48748826	0.00056772	0.0376503	-0.38690559
214665_PM_s_at	CHP	-0.25424137	10.994414	-3.29882219	0.00109924	0.0499581	-0.96221801
201113_PM_at	TUFM	-0.27113843	10.664242	-3.32390417	0.0010085	0.04742109	-0.88742203
211628_PM_x_at	FTHL5	-0.27181189	12.2213364	-4.61358262	6.08E-06	0.00635267	3.63440109
200850_PM_s_at	AHCYL1	-0.28377807	10.4667628	-3.49881573	0.00054513	0.03689771	-0.35143611
200699_PM_at	KDEL2R	-0.28390662	10.0790356	-4.41277336	1.47E-05	0.00738437	2.84605635

218971_PM_s_at	WDR91	-0.28470526	7.9460715	-3.42429575	0.00071065	0.0407185	-0.58285671
205325_PM_at	PHYHIP	-0.28771996	4.0236888	-3.77537462	0.00019588	0.02492704	0.54673667
218639_PM_s_at	ZXDC	-0.32238409	7.25707423	-3.38469658	0.00081667	0.04298979	-0.70398154
216396_PM_s_at	EI24	-0.33159854	9.28850666	-3.51172278	0.00052042	0.03643381	-0.31089315
201849_PM_at	BNIP3	-0.33815795	10.6845057	-3.39261529	0.00079436	0.0425301	-0.67986299
204992_PM_s_at	PFN2	-0.3385092	10.3244822	-3.70651326	0.00025421	0.02834131	0.31735033
201904_PM_s_at	CTDSP1	-0.33976422	8.94384589	-3.73872722	0.00022513	0.02679354	0.42418817
203943_PM_at	KIF3B	-0.34152155	8.70085512	-3.38676316	0.00081079	0.0427411	-0.6976922
214651_PM_s_at	HOXA9	-0.35334175	9.3938646	-3.31248105	0.00104892	0.04839957	-0.92155096
217367_PM_s_at	ZHX3	-0.35460222	7.97973928	-3.42662777	0.00070483	0.04065003	-0.5756835
202893_PM_at	UNC13B	-0.35622796	8.97899635	-3.49782906	0.00054706	0.03689771	-0.3545298
211600_PM_at	PTPRO	-0.36021289	12.820941	-3.57406096	0.00041517	0.03379542	-0.11317387
213844_PM_at	HOXA5	-0.3621094	9.13693722	-3.31137951	0.0010529	0.04852258	-0.92483633
204235_PM_s_at	GULP1	-0.36370389	9.0395746	-3.59235388	0.0003883	0.03357556	-0.05455611
224478_PM_s_at	C7orf50	-0.36451924	7.87646539	-3.60033407	0.0003771	0.03307609	-0.02889966
225804_PM_at	CYB5D2	-0.36673173	8.86634343	-3.30263967	0.00108496	0.04950666	-0.95086761
235109_PM_at	ZBED3	-0.37661985	7.93197337	-3.52021938	0.00050473	0.03638815	-0.28413004
209262_PM_s_at	NR2F6	-0.38604549	9.35373594	-3.70252423	0.00025804	0.02850484	0.30417846
214211_PM_at	FTH1	-0.39590617	11.2423542	-3.90166397	0.00012026	0.01910043	0.97721247
225871_PM_at	STEAP2	-0.39862922	8.39441484	-3.36164473	0.00088501	0.04508489	-0.77389862
205130_PM_at	RAGE	-0.3986861	7.34513874	-4.16296323	4.21E-05	0.01189324	1.90757007
203467_PM_at	PMM1	-0.39892404	8.72465614	-3.40868753	0.00075081	0.04184354	-0.63075233
203058_PM_s_at	PAPSS2	-0.40507651	8.87488873	-3.36062503	0.00088815	0.04508489	-0.7769813
203458_PM_at	SPR	-0.411393	8.32578647	-3.73478633	0.00022851	0.02684768	0.41107363
229535_PM_at	PTPMT1	-0.41220846	6.31417446	-3.54634793	0.00045922	0.03533014	-0.2014612
201906_PM_s_at	CTDSP1	-0.41764198	9.08588573	-4.20232028	3.58E-05	0.01098304	2.05227631
204813_PM_at	MAPK10	-0.42199639	7.86423982	-3.92037444	0.00011175	0.01829913	1.04206069
225531_PM_at	CABLES1	-0.4291371	7.10387785	-3.33980347	0.00095464	0.0467723	-0.8397402
222400_PM_s_at	ADI1	-0.44283369	12.0886815	-3.53592201	0.0004769	0.03594299	-0.23451454
213242_PM_x_at	KIAA0284	-0.44450169	6.77736198	-3.54671561	0.00045861	0.03533014	-0.20029394
202071_PM_at	SDC4	-0.44670743	10.5547806	-3.50298383	0.00053703	0.03687084	-0.33835832
201135_PM_at	ECHS1	-0.45555966	11.8621998	-3.47617034	0.00059116	0.03871913	-0.42224067
202363_PM_at	SPOCK1	-0.45721498	8.70659152	-3.33829935	0.00095961	0.04684895	-0.84425998
231906_PM_at	HOXD8	-0.45985955	9.42244481	-3.87531711	0.00013329	0.02063759	0.88636462
200827_PM_at	PLOD1	-0.46723742	8.00401668	-3.97953486	8.85E-05	0.01661653	1.24891071
214434_PM_at	HSPA12A	-0.46738323	8.44098442	-3.35793457	0.00089649	0.04519833	-0.7851108
211458_PM_s_at	GABARAP1 /// GABARAP3	-0.46801365	11.0667151	-3.48910719	0.00056443	0.03749992	-0.38184267
218959_PM_at	HOXC10	-0.46855658	8.13496042	-3.61352501	0.00035925	0.03235854	0.01362222
212859_PM_x_at	MT1E	-0.46904014	12.1567208	-3.75712231	0.00020997	0.02607453	0.48556733
211471_PM_s_at	RAB36	-0.47072671	5.67176209	-3.52253813	0.00050053	0.03638815	-0.27681613
226846_PM_at	PHYHD1	-0.48303436	7.99978238	-3.43881693	0.00067511	0.0399783	-0.53811752
222454_PM_s_at	PARVA	-0.48804414	6.82818303	-3.34319926	0.00094349	0.04661502	-0.82952923
222451_PM_s_at	ZDHHC9	-0.4910081	9.02829206	-3.53725812	0.0004746	0.03584259	-0.23028361
221950_PM_at	EMX2	-0.49672545	9.97824979	-3.51781065	0.00050913	0.03638815	-0.29172317
208396_PM_s_at	PDE1A	-0.50360781	8.42902704	-3.46416063	0.00061702	0.03922394	-0.45962127
205640_PM_at	ALDH3B1	-0.50514744	7.32502904	-3.36856344	0.00086396	0.04428203	-0.75295985
209885_PM_at	RHOD	-0.50744942	5.11656453	-3.72281314	0.00023908	0.02762684	0.37130532
222570_PM_at	NCS1	-0.51423091	5.85587904	-3.33534593	0.00096946	0.04698722	-0.85312936
223170_PM_at	TMEM98	-0.51662811	8.23336764	-4.01626516	7.64E-05	0.01544941	1.37871228
218309_PM_at	CAMK2N1	-0.52080461	10.5931825	-3.49289524	0.00055683	0.03731151	-0.36998786
211456_PM_x_at	MT1P2	-0.52487692	12.2760309	-3.63972556	0.00032612	0.03146946	0.09849765
206461_PM_x_at	MT1H /// MT1P2	-0.52598493	12.3988661	-3.68685726	0.00027365	0.02918316	0.25256903
200884_PM_at	CKB	-0.54711458	9.89671417	-3.56730525	0.00042553	0.03386452	-0.13475335
204326_PM_x_at	MT1X	-0.54785163	11.765455	-3.33516527	0.00097007	0.04698722	-0.85367167
209635_PM_at	AP1S1	-0.55044467	8.42229385	-3.95554182	9.73E-05	0.01741277	1.16469036
209740_PM_s_at	PNPLA4	-0.55265053	8.08982863	-3.33617511	0.00096669	0.04698722	-0.85063998
209343_PM_at	EFHD1	-0.55373498	11.1582863	-3.56845384	0.00042375	0.03381329	-0.13108708
209605_PM_at	TST	-0.57296576	10.73281	-3.36077442	0.00088769	0.04508489	-0.77652972
238753_PM_at	NCS1	-0.57506967	6.56605511	-3.38993762	0.00080184	0.0425301	-0.68802431
217977_PM_at	SEPX1	-0.58240591	10.4418731	-3.59188861	0.00038896	0.0335756	-0.05605036
229245_PM_at	PLEKHA6	-0.59047838	7.87321715	-3.58575375	0.0003978	0.03361941	-0.07573675
208869_PM_s_at	GABARAP1	-0.59708259	9.37976008	-3.68186492	0.0002788	0.02949149	0.23616483
238805_PM_at	C11orf52	-0.60156852	8.21000079	-3.54543945	0.00046073	0.03537321	-0.20434487
212741_PM_at	MAOA	-0.60597549	10.2399479	-3.49244556	0.00055772	0.03731151	-0.37139575
203071_PM_at	SEMA3B	-0.61308854	7.5254256	-3.45188038	0.00064455	0.03959612	-0.49772211
202454_PM_s_at	ERBB3	-0.61434681	9.28999006	-3.45906497	0.00062831	0.03938499	-0.47544608

216336_PM_x_at	MT1E	-0.63014388	11.5913659	-4.26668084	2.73E-05	0.00973095	2.29146543
203126_PM_at	IMPA2	-0.6352861	10.6120487	-3.5554954	0.00044413	0.03463183	-0.17221603
217165_PM_x_at	MT1F	-0.63808332	11.6185212	-3.43177297	0.00069214	0.04035458	-0.55984126
219076_PM_s_at	PXMP2	-0.63968446	9.58754214	-3.31856766	0.0010272	0.04781446	-0.90337935
212339_PM_at	EPB41L1	-0.63996891	7.80789653	-3.91014141	0.00011633	0.01871763	1.00656016
226722_PM_at	FAM20C	-0.65915511	10.1364947	-4.04139199	6.91E-05	0.01513299	1.46811358
202219_PM_at	SLC6A8	-0.66741071	9.54511358	-3.72304112	0.00023887	0.02762684	0.37206149
1568617_PM_a_at	KIAA1543	-0.68181215	6.26402308	-3.47532895	0.00059293	0.03876699	-0.42486335
228064_PM_at	C22orf36	-0.70383055	8.53732705	-3.91786555	0.00011286	0.01831822	1.0333492
224918_PM_x_at	MGST1	-0.70992535	11.5844373	-3.38052027	0.00082868	0.04330671	-0.71668087
231736_PM_x_at	MGST1	-0.71213331	11.7615105	-3.53294693	0.00048206	0.03600382	-0.24393028
201348_PM_at	GPX3	-0.7296797	13.1967545	-3.49961498	0.00054357	0.03689771	-0.3489295
202017_PM_at	EPHX1	-0.75165979	6.24051141	-3.60375478	0.00037239	0.03294826	-0.01788626
203963_PM_at	CA12	-0.75547242	11.9411096	-3.40555724	0.00075911	0.04211632	-0.64033395
227522_PM_at	CMBL	-0.77559385	11.3412508	-3.57361177	0.00041585	0.03379542	-0.11460983
207076_PM_s_at	ASS1	-0.77956532	12.3600366	-3.4221913	0.00071595	0.04082329	-0.58932611
215603_PM_x_at	GGT2	-0.82275236	9.91364186	-3.39613967	0.00078461	0.04241523	-0.66911199
204745_PM_x_at	MT1G	-0.84339341	12.421653	-3.95331616	9.81E-05	0.01741277	1.15690068
232423_PM_at	ARSD	-0.89999387	7.63376716	-4.02853123	7.27E-05	0.01516153	1.42229364
205208_PM_at	ALDH1L1	-0.90097646	9.44842179	-3.38994904	0.00080181	0.0425301	-0.68798955
211682_PM_x_at	UGT2B28	-0.90414615	11.1085881	-3.47922673	0.00058474	0.03836668	-0.41270877
205985_PM_x_at	CLCNKB	-0.91705325	8.0456548	-3.451596	0.00064521	0.03959612	-0.49860294
219630_PM_at	PDZK1IP1	-0.92818987	12.0634648	-3.66294084	0.00029919	0.03050099	0.17416427
1553589_PM_a_at	PDZK1IP1	-0.93582638	12.3092181	-3.74307954	0.00022146	0.02667257	0.43868622
214091_PM_s_at	GPX3	-0.93740039	12.6340529	-3.53048229	0.00048637	0.03621459	-0.25172507
227480_PM_at	SUSD2	-1.02433619	9.34240038	-3.3964935	0.00078364	0.04241523	-0.66803208
206226_PM_at	HRG	-1.07558122	8.57009061	-3.5123396	0.00051926	0.03643381	-0.30895222
237799_PM_at	SLC22A12	-1.1644926	7.10122603	-3.65522934	0.0003079	0.03121634	0.14898177
205983_PM_at	DPEP1	-1.27219028	10.0780426	-3.48574271	0.00057127	0.03781846	-0.39236208
205502_PM_at	CYP17A1	-1.34466045	6.8902825	-3.377876	0.00083636	0.04341584	-0.72471414
219140_PM_s_at	RBP4	-1.60959763	10.3986579	-4.39675816	1.57E-05	0.00738437	2.78447557
211298_PM_s_at	ALB	-2.1728651	9.43014763	-3.69352805	0.0002669	0.02900853	0.2745196

Genes Associated with C4d positivity and Graft Loss

Genes	Gene Ontology Findings	Homo sapiens upload_1 (upload_1 (upload_1 (upload_1 (upload_1 (P-value)				
ACSL5	GO biological process complete	68	8	0.07 +	> 5	1.98E-11
ADI1	type I interferon signaling pathway	68	8	0.07 +	> 5	1.98E-11
ASS1	cellular response to type I interferon	69	8	0.07 +	> 5	2.22E-11
CASP4	response to type I interferon	632	11	0.64 +	> 5	4.18E-08
CENPW	cellular response to cytokine stimulus	487	10	0.49 +	> 5	1.06E-07
GBP2	cytokine-mediated signaling pathway	730	11	0.74 +	> 5	1.95E-07
HLA-F	response to cytokine	75	6	0.08 +	> 5	8.82E-07
HLA-G	antigen processing and presentation of exogenous peptide antigen via MHC class I, TAP-dependent	79	6	0.08 +	> 5	1.20E-06
ISG20	antigen processing and presentation of exogenous peptide antigen via MHC class I	104	6	0.1 +	> 5	6.16E-06
LAYN	antigen processing and presentation of peptide antigen via MHC class I	1012	11	1.02 +	> 5	6.25E-06
OAS2	innate immune response	1430	12	1.44 +	> 5	1.40E-05
PRC1	immune response	127	6	0.13 +	> 5	2.01E-05
PSMB10	cellular response to interferon-gamma	1507	12	1.52 +	> 5	2.55E-05
PSMB8	defense response	146	6	0.15 +	> 5	4.59E-05
PSMB9	response to interferon-gamma	77	5	0.08 +	> 5	1.04E-04
RRM2	interferon-gamma-mediated signaling pathway	171	6	0.17 +	> 5	1.17E-04
SAMHD1	antigen processing and presentation of exogenous peptide antigen	178	6	0.18 +	> 5	1.48E-04
STAT1	antigen processing and presentation of exogenous antigen	188	6	0.19 +	> 5	2.04E-04
SYT11	antigen processing and presentation of peptide antigen	1978	12	2 +	> 5	5.44E-04
TAP1	cellular response to organic substance	225	6	0.23 +	> 5	5.86E-04
UGT2B28	antigen processing and presentation	2163	12	2.18 +	> 5	1.47E-03
	immune system process	2404	12	2.43 +	4.95	4.68E-03
	cellular response to chemical stimulus	368	6	0.37 +	> 5	1.03E-02
	regulation of innate immune response	203	5	0.2 +	> 5	1.23E-02
	cellular response to tumor necrosis factor	2636	12	2.66 +	4.51	1.28E-02
	response to organic substance	23	3	0.02 +	> 5	1.37E-02
	proteasomal ubiquitin-independent protein catabolic process	930	8	0.94 +	> 5	1.49E-02
	regulation of immune response	225	5	0.23 +	> 5	2.02E-02
	response to tumor necrosis factor	115	4	0.12 +	> 5	4.02E-02
	tumor necrosis factor-mediated signaling pathway	738	7	0.74 +	> 5	4.10E-02
	regulation of defense response					