

## Supplementary Tables

**Supplementary Table S1: Gene expression changes in early response to TNF- $\alpha$  stimulation. The fold changes represent gene expression differences in TNF- $\alpha$  treated cells when compared to the DMSO controls at 1 hour. Also included is the response to p38 inhibitor LY479754, represented as gene expression fold changes when cells treated with both TNF- $\alpha$  and LY479754 were compared to cells treated with TNF- $\alpha$  alone. Fold change of 1 indicated that the genes did not respond to LY479754.**

Cluster	Gene	Fold Changes	Gene Ontology Molecular Function Summary	Gene Ontology Biological Process Summary	Response to LY479754
1	ATF3	2.56	Transcription factor activity	Stress and radiation;cell migration, apoptosis, proliferation	-2.56
1	CCNL1	1.61	Cyclin L1	Regulation RNA Pol II by phosphorylation	-1.61
1	COPEB	1.66	Transcription factor activity	Pregnancy	1
1	EGR1	2.54	Transcription factor activity	Angiogenesis;stress;Apoptosis;B-cell differentiation	-2.54
1	EGR2	3	Transcription factor activity	Immediate early response	-3
1	ETR101	2.16	Transcription factor activity	Cell growth and apoptosis	1
1	FOS	5.98	Transcription factor activity	Proto-oncogene	-5.98
1	IER3	3.59	Transcription factor activity	Cell growth and apoptosis	-1.64
1	JUN	6.72	Transcription factor activity	Cell cycle;EGF receptor signaling;apoptosis	-1.49
1	TIEG	1.81	Transcription factor activity	TGFbeta receptor signaling;Cell-cell and apoptosis signaling	-1.81
2	BMP2	3.24	Cytokine and growth factor activity	Apoptosis;SMAD nuclear translocation;Osteoblast differentiation	-1.93
2	BTG1	1.41	Transcription co-activator activity	Regulation of cell cycle;Negative regulation of cell proliferation	-1.41
2	CCL20	136.68	Chemokine activity	Immediate hypersensitivity response;Activation of MAPK	-2.53
2	CD44	1.41	Cell adhesion receptor activity	Cell adhesion, chemotaxis, apoptosis and	-1.41

				polarity;Inflammation	
2	CEBPD	4.31	Transcription factor activity	Development;Acute-phase response;Inflammatory response	-4.31
2	CSF2	46.2	GMC-stimulating factor	Cell migration, proliferation;JNK cascade;Anti-apoptosis	1
2	CXCL1	40.21	Chemokine activity	Angiogenesis;Immediate hypersensitivity response	-1.84
2	CXCL2	19.79	Chemokine activity	Hemopoiesis;Inflammation;Chemotaxis	-2.2
2	CXCL3	16.05	Chemokine activity	Angiogenesis;Cell proliferation;Inflammatory response	-1.86
2	DUSP1	4.79	Protein tyrosine phosphatase activity	JNK cascade;Inactivation of MAPK	-2.16
2	DUSP10	2.01	MAP kinase phosphatase activity	JNK cascade;Inactivation of MAPK	1
2	DUSP5	1.42	Protein tyrosine phosphatase activity	Cytokine/chemokine signaling;Cell growth;Inactivation of MAPK	-1.42
2	DUSP8	2.62	Protein tyrosine phosphatase activity	Inactivation of MAPK	1
2	EPHA2	1.46	GPI-linked ephrin receptor activity	Angiogenesis;Tyrosine kinase signaling pathway;apoptosis	1
2	EREG	2.46	Growth factor activity	Cell proliferation;EGF receptor signaling pathway	-2.46
2	ETS2	1.55	Transcription factor activity	Anti-apoptosis;Macrophage differentiation;RAS signaling	-1.55
2	FJX1	1.4	Secreted protein	Inflammation; bacterial infection	-1.4
2	IL6	4.93	Interleukin-6 receptor binding	Acute-phase response;JAK-STAT cascade;Apoptosis	-1.84
2	IL8	95.99	Chemokine activity	Immediate hypersensitivity response	-1.42
2	IRF1	2.47	Transcription factor activity	NO biosynthesis;JAK-STAT cascade;Inflammation;apoptosis	1
2	JUNB	3.44	Transcription factor activity	Regulation of mitotic cell cycle;Cell differentiation	-1.69
2	LIF	3.68	Growth factor activity	Angiogenesis;cell proliferation;Anti-apoptosis	-1.58
2	NFKBIA	13.26	Transcription factor activity	Cytoplasmic sequestering of NF-kappaB	1
2	PTX3	11.61	Protein binding	Inflammatory response	-1.79
2	REL	2.07	Transcription factor activity	Acute-phase response;NIK-I-kB/NF-kappaB cascade;Apoptosis	-2.07
2	SNARK	5.54	Protein serine/threonine kinase activity	Cellular response to starvation;Cell cycle	1
2	SNK	1.95	Polo-like kinase	Cell growth and/or maintenance;Response to radiation	1

2	TNFAIP3	21.7	Protein binding	NIK-I-kappaB/NF-kappaB cascade	-1.7
2	UTX	2.29	Transcription regulator activity	Immune response;Cell organization and biogenesis	-2.29
2	ZFP36	5.38	mRNA 3' UTR binding	mRNA catabolism;Inflammatory response	-5.38
2	ZFP36L2	1.4	Transcription factor activity	Cell proliferation;mRNA catabolism	1
3	ADAMTS9	1.69	Metalloendopeptidase activity	Cytokine and chemokine signaling;Inflammatory response	1
3	BHLHB2	1.8	DNA binding	TGFbeta receptor signaling pathway;Skeletal development	1
3	BIRC2	1.41	Ubiquitin-protein ligase activity	Anti-apoptosis;Ubiquitin-dependent protein catabolism	-1.41
3	BIRC3	6.14	Ubiquitin-protein ligase activity	Response to hypoxia;Protein ubiquitination;Anti-apoptosis	1
3	BTG3	1.55	B cell translocation	Regulation of cell cycle;Negative regulation of cell proliferation	-1.55
3	CD83	2.52	CD83 antigen	B-cell activation;Monocyte activation;Antigen presentation	1
3	GEM	1.63	Calmodulin binding	Immune response;Cell shape	1
3	ICAM1	4.74	Transmembrane receptor activity	Cell motility;Inflammatory response;Anti-apoptosis;Chemotaxis	1
3	IERS5	2.66	Transcription factor activity	Intracellular signaling cascade	1
3	IFNGR2	1.58	Interferon-gamma receptor activity	JAK-STAT cascade;Induction of apoptosis;T-cell proliferation	-1.58
3	IL11	1.51	Interleukin-11 receptor binding	Acute-phase response;Cell-mediated immune response	-1.51
3	INHBA	3.41	TGFb receptor binding	Epidermal differentiation;Response to wounding	-3.41
3	KLRC1	1.61	MHC class I receptor activity	Negative regulation of natural killer cell activity	-1.61
3	LAMC2	2.92	Integrin binding	Cell migration;Integrin-mediated signaling;Wound healing	1
3	LDLR	2	LD lipoprotein receptor activity	Lipid transport;Receptor mediated endocytosis	1
3	MCL1	1.43	Potassium channel regulator activity	Erythrocyte differentiation;Anti-apoptosis;B-cell differentiation	-1.43

3	NFKB2	2.33	Transcription factor activity	Immune response;NIK-I-kappaB/NF-kappaB cascade	-2.33
3	NKX3-1	1.78	Transcriptional repressor activity	Cell differentiation;Male gonad development	-1.78
3	PLAU	3.22	Growth factor activity	Angiogenesis;Blood coagulation;STAT translocation	1
3	SDC4	2.2	Fibroblast growth factor binding	Blood coagulation;Cell adhesion/proliferation;Inflammatory response	1
3	TNFAIP2	2.5	Secreted protein	Myeloid blood cell differentiation	1
3	TNFRSF10B	1.66	Death receptor activity	Induction of apoptosis via death domain receptors	-1.66
4	DKFZp586I1	-1.44	ATPase activity	Proteolysis and peptidolysis	1.44
4	HES1	-1.48	Transcriptional repressor activity	Myeloid blood cell differentiation;B-cell differentiation	1
4	HEY1	-1.45	Transcription factor activity	Angiogenesis	1.45
4	HOXA9	-1.44	Transcription factor activity	Cell differentiation;Organogenesis	1.44
4	ID1	-1.91	Transcription co-repressor activity	G1/S transition of mitotic cell cycle, TGFb signaling	1
4	ID2	-1.95	Transcription co-repressor activity	Development, TGFb signaling	1
4	IVNS1ABP	-1.45	Protein binding	RNA splicing	1
4	SNCA	-1.76	Fatty acid transporter activity	Response to oxidative stress;Anti-apoptosis;Induction of apoptosis	1
4	ZNF131	-1.57	Transcription factor activity	Cell growth and/or maintenance;Organogenesis	1.57

**Supplementary Table S2: Gene expression changes in response to TNF- $\alpha$  and/or LY479754. A total of 853 transcripts exhibited statistically significant response to TNF- $\alpha$  (see the Results and the Methods and Materials sections for details). These transcription responses to TNF- $\alpha$  were completely, partially blocked, or not affected by LY479754. Complete response to LY479754 was determined when there is no statistically significant difference of gene expression levels in cells treated with both TNF- $\alpha$  and LY479754 compared to cells treated with vehicle at all time points, suggesting the expression changes induced by TNF- $\alpha$  were completely reversed in the presence of LY479754. Partial response to LY479754 was determined when TNF- $\alpha$  induced gene expression changes were partially reversed, or completely reversed but only at certain time points. The fold changes represent gene expression differences in TNF- $\alpha$  vs. vehicle or TNF- $\alpha$  + LY479754 vs. TNF- $\alpha$  comparisons at all 5 time points (0.5, 1, 2, 4, 7 hr). Fold change of 1 indicated that there was no statistically significant difference in the comparison.**

probeset	p38i LY479754 response	Gene Symbol	TNF vs. vehicle fold change 0.5 hr	TNF vs. vehicle fold change 1 hr	TNF vs. vehicle fold change 2 hr	TNF vs. vehicle fold change 4 hr	TNF vs. vehicle fold change 7 hr	TNF+p38i vs. TNF fold change 0.5 hr	TNF+p38i vs. TNF fold change 1 hr	TNF+p38i vs. TNF fold change 2 hr	TNF+p38i vs. TNF fold change 4 hr	TNF+p38i vs. TNF fold change 7 hr
201625_s_at	complete		1	1	1.62	1	1	1	1	-1.62	1	1
202206_at	complete		1	1	1	-1.42	1	1	1	1	1.42	1
202224_at	complete		1	1	1	1.45	1	1	1	1	-1.45	1
202532_s_at	complete		1	1	-1.46	1	1	1	1	1.46	1	1
203245_s_at	complete		1	1	-1.41	1	1	1	1	1.41	1	1
203636_at	complete		1	1	1	1	-1.49	1	1	1	1	1.49
204823_at	complete		1	1	1	1.43	1	1	1	1	-1.43	1
209600_s_at	complete		1	1	1.54	1	1	1	1	-1.54	1	1
210596_at	complete		1	1	1	1	1.54	1	1	1	1	-1.54
211042_x_at	complete		1	1	1	1	-1.43	1	1	1	1	1.43
211958_at	complete		1	1	1	1	-1.56	1	1	1	1	1.56
211959_at	complete		1	1	1	1	-1.67	1	1	1	1	1.67
212080_at	complete		1	1	1	1.51	1	1	1	1	-1.51	1
212148_at	complete		1	1	1	1	-1.68	1	1	1	1	1.68

212183_at	complete		1	1	1	-1.85	1	1	1	1	1.85	1
212186_at	complete		1	1	1	-1.65	1	1	1	1	1.65	1
212285_s_at	complete		1	1	1	1.43	1.47	1	1	1	-1.43	-1.47
212327_at	complete		1	1	1	1	-1.53	1	1	1	1	1.53
212328_at	complete		1	1	1	1	-1.44	1	1	1	1	1.44
212386_at	complete		1	1	1	1	-1.41	1	1	1	1	1.41
212462_at	complete		1	1	1	-1.56	-1.69	1	1	1	1.56	1.69
212463_at	complete		1	1	1	1.5	1	1	1	1	-1.5	1
212666_at	complete		1	1	1	1	1.47	1	1	1	1	-1.47
212677_s_at	complete		1	1	1	1	-1.44	1	1	1	1	1.44
212780_at	complete		1	1	-1.42	1	1	1	1	1.42	1	1
212867_at	complete		1	1	1	-1.45	1	1	1	1	1.45	1
212979_s_at	complete		1	1	1	1	-1.44	1	1	1	1	1.44
213435_at	complete		1	1	1	1.45	1.44	1	1	1	-1.45	-1.44
214985_at	complete		1	1	1.77	1	1	1	1	-1.77	1	1
215716_s_at	complete		1	1	1	1	1.48	1	1	1	1	-1.48
216039_at	complete		1	1	1	1	1.46	1	1	1	1	-1.46
216309_x_at	complete		1	-1.4	1	1	1	1	1.4	1	1	1
217631_at	complete		1	1.42	1	1	1	1	-1.42	1	1	1
217715_x_at	complete		1	1	1	1	-1.63	1	1	1	1	1.63
218517_at	complete		1	1	-1.6	1	1	1	1	1.6	1	1
220346_at	complete		1	1	1	1	2	1	1	1	1	-2
220933_s_at	complete		1	1	1	1	1.57	1	1	1	1	-1.57
81811_at	complete		1	1	1	1	-1.51	1	1	1	1	1.51
41387_r_at	complete	2600017 H02	1	1	1.83	1	1	1	1	-1.83	1	1
205745_x_at	complete	ADAM17	1	1	1	1.47	1.5	1	1	1	-1.47	-1.5
202053_s_at	complete	ALDH3A2	1	1	1	-1.41	-1.56	1	1	1	1.41	1.56
202054_s_at	complete	ALDH3A2	1	1	1	1	-1.7	1	1	1	1	1.7
201613_s_at	complete	AP1G2	1	1	1	1	-1.81	1	1	1	1	1.81
207606_s_at	complete	ARHGAP1 2	1	1	-1.49	1	1	1	1	1.49	1	1
212120_at	complete	ARHQ	1	-1.43	1	1	1	1	1.43	1	1	1
209788_s_at	complete	ARTS-1	1	1	1	1	2.24	1	1	1	1	-2.24
202672_s_at	complete	ATF3	1	2.56	1.52	1	1	1	-2.56	-1.52	1	1
209281_s_at	complete	ATP2B1	1	1	1.51	1	1	1	1	-1.51	1	1

212930_at	complete	ATP2B1	1	1	1.41	1.41	1	1	1	-1.41	-1.41	1
201883_s_at	complete	B4GALT1	1	1	1	1.5	1.49	1	1	1	-1.5	-1.49
211631_x_at	complete	B4GALT1	1	1	1	1.49	1.62	1	1	1	-1.49	-1.62
204194_at	complete	BACH1	1	1	1.77	1	1.82	1	1	-1.77	1	-1.82
217985_s_at	complete	BAZ1A	1	1	1.82	1.62	1	1	1	-1.82	-1.62	1
204907_s_at	complete	BCL3	1	1	2.52	2.38	1	1	1	-2.52	-2.38	1
218775_s_at	complete	BOMB	1	1	1	1	1.61	1	1	1	1	-1.61
200920_s_at	complete	BTG1	1	1.41	1.7	1	1	1	-1.41	-1.7	1	1
200921_s_at	complete	BTG1	1	1	1.46	1	1	1	1	-1.46	1	1
201904_s_at	complete	C3orf8	1	1	1	1	-2.03	1	1	1	1	2.03
203356_at	complete	CAPN7	1	1	1	1	-1.43	1	1	1	1	1.43
203357_s_at	complete	CAPN7	1	1	1	1	-1.4	1	1	1	1	1.4
203065_s_at	complete	CAV1	1	1	1	1.52	1	1	1	1	-1.52	1
206724_at	complete	CBX4	1	1	1	1	1.49	1	1	1	1	-1.49
220046_s_at	complete	CCNL1	1	1.61	1	1	1	1	-1.61	1	1	1
200984_s_at	complete	CD59	1	1	1	1	1.4	1	1	1	1	-1.4
200985_s_at	complete	CD59	1	1	1	1.46	1	1	1	1	-1.46	1
204693_at	complete	CDC42EP 1	1	1	1	1	1.62	1	1	1	1	-1.62
214721_x_at	complete	CDC42EP 4	1	1	1	1	1.4	1	1	1	1	-1.4
207149_at	complete	CDH12	1	1	1	1	-1.53	1	1	1	1	1.53
211804_s_at	complete	CDK2	1	1.71	1	1	1	1	-1.71	1	1	1
219049_at	complete	ChGn	1	1	1	1.92	1	1	1	1	-1.92	1
221058_s_at	complete	CKLF	1	1	1	1	-1.41	1	1	1	1	1.41
202332_at	complete	CSNK1E	1	1	1	1.64	1	1	1	1	-1.64	1
211571_s_at	complete	CSPG2	1	1	1	1	-1.59	1	1	1	1	1.59
214743_at	complete	CUTL1	1	1	1	1.42	1	1	1	1	-1.42	1
201289_at	complete	CYR61	1.43	1.54	1	1	1	-1.43	-1.54	1	1	1
210764_s_at	complete	CYR61	1.57	1.53	1	1	1	-1.57	-1.53	1	1	1
209383_at	complete	DDIT3	1	1	1	1	1.45	1	1	1	1	-1.45
203699_s_at	complete	DIO2	1	1.63	2.03	1.52	1	1	-1.63	-2.03	-1.52	1
203700_s_at	complete	DIO2	1	1	1.65	1	1	1	1	-1.65	1	1
204610_s_at	complete	DIPA	1	1	1	-1.7	-1.83	1	1	1	1.7	1.83
212202_s_at	complete	DKFZP564 G2	1	1	-1.42	1	1	1	1	1.42	1	1

207761_s_at	complete	DKFZP586 A0	1	1	1	1	-1.58	1	1	1	1	1.58
213546_at	complete	DKFZp586 I1	1	-1.44	1	1	1	1	1.44	1	1	1
221924_at	complete	DKFZp761 I2	1	1	1	1	2.94	1	1	1	1	-2.94
218613_at	complete	DKFZp761 K1	1	1	1	1.53	1	1	1	1	-1.53	1
201681_s_at	complete	DLG5	1	1	1	1	-1.44	1	1	1	1	1.44
215210_s_at	complete	DLST	1	1	1	1	1.55	1	1	1	1	-1.55
212730_at	complete	DMN	1	1	1	-1.61	1	1	1	1	1.61	1
209457_at	complete	DUSP5	1	1.42	1	1	1	1	-1.42	1	1	1
202968_s_at	complete	DYRK2	1	1	1.42	1	1	1	1	-1.42	1	1
202971_s_at	complete	DYRK2	1	1	1.49	1	1	1	1	-1.49	1	1
203355_s_at	complete	EFA6R	1	1	-1.77	2.94	1	1	1	1.77	-2.94	1
201693_s_at	complete	EGR1	2.12	2.21	1	1	1	-2.12	-2.21	1	1	1
201694_s_at	complete	EGR1	1.89	2.54	1	1	1	-1.89	-2.54	1	1	1
205249_at	complete	EGR2	1	3	1	1	1	1	-3	1	1	1
218935_at	complete	EHD3	1	1	1	1	-1.7	1	1	1	1	1.7
210868_s_at	complete	ELOVL6	1	1	-1.51	1	1	1	1	1.51	1	1
204975_at	complete	EMP2	1	1	1	1.41	1	1	1	1	-1.41	1
217820_s_at	complete	ENAH	1	1	1	-1.53	-1.52	1	1	1	1.53	1.52
201329_s_at	complete	ETS2	1	1.55	1.75	1.66	1	1	-1.55	-1.75	-1.66	1
203348_s_at	complete	ETV5	1	1	1	-1.66	1	1	1	1	1.66	1
221884_at	complete	EVI1	1	1	-1.58	1	1	1	1	1.58	1	1
203274_at	complete	F8A	1	1	-1.41	1	1	1	1	1.41	1	1
203980_at	complete	FABP4	1	1	1	1	-1.48	1	1	1	1	1.48
201661_s_at	complete	FACL3	1	1	1	1	-1.51	1	1	1	1	1.51
220643_s_at	complete	FAIM	1	1	1	1	-1.42	1	1	1	1	1.42
218255_s_at	complete	FBS1	1	1	1	1	1.47	1	1	1	1	-1.47
208987_s_at	complete	FBXL11	1	1	1.51	1	1	1	1	-1.51	1	1
209004_s_at	complete	FBXL5	1	1	-1.41	1	1	1	1	1.41	1	1
218333_at	complete	F-LANa	1	1	1	1	1.42	1	1	1	1	-1.42
218815_s_at	complete	FLJ10199	1	1	1	1	1.68	1	1	1	1	-1.68
217943_s_at	complete	FLJ10350	1	1	1	1	1.46	1	1	1	1	-1.46
220134_x_at	complete	FLJ10647	1	1	1	1	1.52	1	1	1	1	-1.52



217526_at	complete	FLJ14639	1	1	1	1.56	1	1	1	1	-1.56	1
208246_x_at	complete	FLJ20006	1	1.52	1	1	-1.52	1	-1.52	1	1	1.52
218181_s_at	complete	FLJ20373	1	1	1	1	1.41	1	1	1	1	-1.41
219128_at	complete	FLJ20558	1	1	1	-1.53	1	1	1	1	1.53	1
221705_s_at	complete	FLJ21168	1	1	1	1.94	1	1	1	1	-1.94	1
220467_at	complete	FLJ21272	1	1	1	1.42	1	1	1	1	-1.42	1
219269_at	complete	FLJ21616	1	1	1	1.47	1	1	1	1	-1.47	1
222209_s_at	complete	FLJ22104	1	1	1	1	-1.47	1	1	1	1	1.47
212858_at	complete	FLJ30002	1	1	1	1	-1.65	1	1	1	1	1.65
212423_at	complete	FLJ90798	1	1	1	1	-1.7	1	1	1	1	1.7
209189_at	complete	FOS	3.9	5.98	1	1	1	-3.9	-5.98	1	1	1
205409_at	complete	FOSL2	1	1	1.52	1	1	1	1	-1.52	1	1
213260_at	complete	FOXC1	1	1	1	1	-1.62	1	1	1	1	1.62
210655_s_at	complete	FOXO3A	1	1	1.58	1	1	1	1	-1.58	1	1
215221_at	complete	FOXP1	1	1	1	1	-1.45	1	1	1	1	1.45
210220_at	complete	FZD2	1	1	1	-1.85	1	1	1	1	1	1.85
208869_s_at	complete	GABARAP L1	1	1.95	1	2.07	1	1	-1.95	1	-2.07	1
202721_s_at	complete	GFPT1	1	1	1	1	1.41	1	1	1	1	-1.41
207966_s_at	complete	GLG1	1	1	1	-1.4	1	1	1	1	1.4	1
209898_x_at	complete	GOLGA6	1	1	1	1	1.44	1	1	1	1	-1.44
218361_at	complete	GPP34R	1	1	1	1	1.46	1	1	1	1	-1.46
205659_at	complete	HDAC9	1	1	3.42	1	1	1	1	-3.42	1	1
204689_at	complete	HHEX	1	1	1	1.44	1	1	1	1	-1.44	1
215933_s_at	complete	HHEX	1	1	1.4	1	1	1	1	-1.4	1	1
208812_x_at	complete	HLA-C	1	1	1	1.42	1.42	1	1	1	-1.42	-1.42
211528_x_at	complete	HLA-G	1	1	1	1	1.51	1	1	1	1	-1.51
202540_s_at	complete	HMGCR	1	1	1	-1.64	1	1	1	1	1.64	1
213147_at	complete	HOXA10	1	1	-1.63	1	1	1	1	1.63	1	1
213150_at	complete	HOXA10	1	1	-1.67	1	1	1	1	1.67	1	1
214651_s_at	complete	HOXA9	1	1	-1.45	1	1	1	1	1.45	1	1
214085_x_at	complete	HRB2	1	1	1	1	1.65	1	1	1	1	-1.65
210253_at	complete	HTATIP2	1	1	1	1	-1.69	1	1	1	1	1.69
201193_at	complete	IDH1	1	1	1	1	-1.59	1	1	1	1	1.59
214398_s_at	complete	IKBKE	1	1	1	1	1.88	1	1	1	1	-1.88
206924_at	complete	IL11	1	1.51	1.52	1.58	1	1	-1.51	-1.52	-1.58	1

205798_at	complete	IL7R	1	1	1.45	1	1	1	1	-1.45	1	1
208415_x_at	complete	ING1	1	1	1.42	1	1	1	1	-1.42	1	1
209808_x_at	complete	ING1	1	1	1.41	1	1	1	1	-1.41	1	1
201389_at	complete	ITGA5	1	1	1	1	1.72	1	1	1	1	-1.72
209098_s_at	complete	JAG1	1	1	1.66	1	1	1	1	-1.66	1	1
209099_x_at	complete	JAG1	1	1	1.67	1	1	1	1	-1.67	1	1
216268_s_at	complete	JAG1	1	1	1.4	1	1	1	1	-1.4	1	1
203904_x_at	complete	KAI1	1	1	1	1	3.98	1	1	1	1	-3.98
204679_at	complete	KCNK1	1	1	1	1	1.42	1	1	1	1	-1.42
221584_s_at	complete	KCNMA1	1	1	1	1	1.76	1	1	1	1	-1.76
212760_at	complete	KIAA0349	1	1	1	-1.41	1	1	1	1	1.41	1
203026_at	complete	KIAA0354	1	1.42	1	1	1	1	-1.42	1	1	1
212553_at	complete	KIAA0460	1	-1.56	1	1	1	1	1.56	1	1	1
212775_at	complete	KIAA0657	1	1	1	1	-1.65	1	1	1	1	1.65
205115_s_at	complete	KIAA0682	1	1	1	1	1.41	1	1	1	1	-1.41
203480_s_at	complete	KIAA1046	1	1	1	1.47	1	1	1	1	-1.47	1
207723_s_at	complete	KLRC3	1	1	1.99	2.06	1.91	1	1	-1.99	-2.06	-1.91
210966_x_at	complete	LARP	1	1	1	2.39	1	1	1	1	-2.39	1
212193_s_at	complete	LARP	1	1	1	2.25	1	1	1	1	-2.25	1
208936_x_at	complete	LGALS8	1	1	1	1	1.49	1	1	1	1	-1.49
207219_at	complete	LOC6524 3	1	1	1	1.82	1	1	1	1	-1.82	1
212279_at	complete	MAC30	1	1	1	1	-1.4	1	1	1	1	1.4
204970_s_at	complete	MAFG	1	1	1	1.72	1	1	1	1	-1.72	1
203652_at	complete	MAP3K11	1	1	1	1	1.42	1	1	1	1	-1.42
206571_s_at	complete	MAP4K4	1	1	1	1	1.49	1	1	1	1	-1.49
214047_s_at	complete	MBD4	1	1	-1.43	1	1	1	1	1.43	1	1
210136_at	complete	MBP	1	1	-1.49	1	1	1	1	1.49	1	1
200797_s_at	complete	MCL1	1	1	1	1.45	1.64	1	1	1	-1.45	-1.64
214057_at	complete	MCL1	1	1	1	1.58	1	1	1	1	-1.58	1
201930_at	complete	MCM6	1	1	1	1	-1.4	1	1	1	1	1.4
211061_s_at	complete	MGAT2	1	1	1	1	1.44	1	1	1	1	-1.44
220934_s_at	complete	MGC3196	1	1	-1.41	1	1	1	1	1.41	1	1
218205_s_at	complete	MKMK2	1	1	1	1	1.45	1	1	1	1	-1.45
201924_at	complete	MLLT2	1	1	1	-1.56	-1.43	1	1	1	1.56	1.43
219703_at	complete	MNS1	1	1	1	-1.52	1	1	1	1	1.52	1

202519_at	complete	MONDOA	1	1	1	1.45	1	1	1	1	-1.45	1
213164_at	complete	MRPS6	1	1	1	1	-1.41	1	1	1	1	1.41
201976_s_at	complete	MYO10	1	1	1	1.42	1.53	1	1	1	-1.42	-1.53
212364_at	complete	MYO1B	1	1	1	1.52	1	1	1	1	-1.52	1
214656_x_at	complete	MYO1C	1	1	1	1.73	1	1	1	1	-1.73	1
211685_s_at	complete	NCALD	1	1	1	1	-1.53	1	1	1	1	1.53
218201_at	complete	NDUFB2	1	1	1	1	-1.48	1	1	1	1	1.48
204321_at	complete	NEO1	1	1	1	1	1.42	1	1	1	1	-1.42
203045_at	complete	NINJ1	1	1	1	6.27	1	1	1	1	-6.27	1
202379_s_at	complete	NKTR	1	1	1	-1.47	1	1	1	1	1.47	1
218902_at	complete	NOTCH1	1	1	1	-1.71	1	1	1	1	1.71	1
201695_s_at	complete	NP	1	1	1	1	1.47	1	1	1	1	-1.47
211671_s_at	complete	NR3C1	1	1	1	1.48	1	1	1	1	-1.48	1
220035_at	complete	NUP210	1	1	1	-1.48	-1.42	1	1	1	1.48	1.42
213558_at	complete	PCLO	1	1	1	1	-1.64	1	1	1	1	1.64
201202_at	complete	PCNA	1	1	1	1	-1.44	1	1	1	1	1.44
218397_at	complete	PHF9	1	1	1	1	-1.42	1	1	1	1	1.42
212542_s_at	complete	PHIP	1	1	1	-1.62	1	1	1	1	1.62	1
201191_at	complete	PITPN	1	1	1	1	1.44	1	1	1	1	-1.44
204285_s_at	complete	PMAIP1	1	1	1.48	1.42	1	1	1	-1.48	-1.42	1
217779_s_at	complete	PNRC2	1	1	1	1.43	1	1	1	1	-1.43	1
203063_at	complete	PPM1F	1	1	1	1	2.13	1	1	1	1	-2.13
201602_s_at	complete	PPP1R12 A	1	1	1	-1.72	1	1	1	1	1.72	1
202014_at	complete	PPP1R15 A	1	1.47	1	1	1	1	-1.47	1	1	1
37028_at	complete	PPP1R15 A	1	1.59	1	1	1	1	-1.59	1	1	1
209048_s_at	complete	PRKCBP1	1	1	-1.52	1	1	1	1	1.52	1	1
205880_at	complete	PRKCM	1	1	1	1	-1.51	1	1	1	1	1.51
204748_at	complete	PTGS2	1	2.08	1.49	1	1.76	1	-2.08	-1.49	1	-1.76
202006_at	complete	PTPN12	1	1	1	1.42	1.71	1	1	1	-1.42	-1.71
203038_at	complete	PTPRK	1	1	1	1	1.55	1	1	1	1	-1.55
213405_at	complete	RAB22A	1	1	1	1	1.4	1	1	1	1	-1.4
218669_at	complete	RAP2C	1	1	1	1.55	1	1	1	1	-1.55	1
221230_s_at	complete	RBP1L1	1	1	1.44	1	1	1	1	-1.44	1	1

211421_s_at	complete	RET	1	1	1	-2	-2.01	1	1	1	2	2.01
202988_s_at	complete	RGS1	1	1.46	1	1	1	1	-1.46	1	1	1
203186_s_at	complete	S100A4	1	1	1	1	-1.45	1	1	1	1	1.45
209146_at	complete	SC4MOL	1	1	1	-1.53	1	1	1	1	1.53	1
204030_s_at	complete	SCHIP1	1	1	1	-1.61	1	1	1	1	1.61	1
200958_s_at	complete	SDCBP	1	1	1	1.44	1.42	1	1	1	-1.44	-1.42
212902_at	complete	SEC24A	1	1	1.41	1	1	1	1	-1.41	1	1
202375_at	complete	SEC24D	1	1	1	1	1.51	1	1	1	1	-1.51
46665_at	complete	SEMA4C	1	1	1	1	1.46	1	1	1	1	-1.46
212190_at	complete	SERPINE2	1	1	1	1.57	1.51	1	1	1	-1.57	-1.51
201811_x_at	complete	SH3BP5	1	1	1	1	-1.46	1	1	1	1	1.46
201469_s_at	complete	SHC1	1	1	1	1	1.42	1	1	1	1	-1.42
203625_x_at	complete	SKP2	1	1	1	1	-1.7	1	1	1	1	1.7
212290_at	complete	SLC7A1	1	1	1.45	1	1	1	1	-1.45	1	1
203909_at	complete	SLC9A6	1	1	1	-1.54	1	1	1	1	1.54	1
221423_s_at	complete	SMAP-5	1	1	1	1	1.43	1	1	1	1	-1.43
202114_at	complete	SNX2	1	1	1	1	-1.67	1	1	1	1	1.67
212470_at	complete	SPAG9	1	1	1	1.43	1	1	1	1	-1.43	1
212061_at	complete	SR140	1	-1.49	1	1	1	1	1.49	1	1	1
202817_s_at	complete	SS18	1	1	1	1.52	1	1	1	1	-1.52	1
210829_s_at	complete	SSBP2	1	1	1	1	-2.04	1	1	1	1	2.04
41657_at	complete	STK11	1	1	1	1	1.46	1	1	1	1	-1.46
202693_s_at	complete	STK17A	1	1	1	1.41	1	1	1	1	-1.41	1
203530_s_at	complete	STX4A	1	1	1	1	1.45	1	1	1	1	-1.45
203069_at	complete	SV2A	1	1	1	-1.6	1	1	1	1	1.6	1
202566_s_at	complete	SVIL	1	1	1	1.48	1	1	1	1	-1.48	1
212931_at	complete	TCF20	1	1	1	1	1.54	1	1	1	1	-1.54
203753_at	complete	TCF4	1	1	1	1	-1.44	1	1	1	1	1.44
222011_s_at	complete	TCP1	1	1	1	1	-1.42	1	1	1	1	1.42
203313_s_at	complete	TGIF	1	1	1	1.42	1	1	1	1	-1.42	1
218491_s_at	complete	THY28	1	1	1	1	-1.49	1	1	1	1	1.49
202393_s_at	complete	TIEG	1	1.81	1	1	1	1	-1.81	1	1	1
204391_x_at	complete	TIF1	1	1	-1.43	1	1	1	1	1.43	1	1
204932_at	complete	TNFRSF11 B	1	1	1	1	1.53	1	1	1	1	-1.53
204933_s_at	complete	TNFRSF11	1	1	1	1.47	1.66	1	1	1	-1.47	-1.66

		B										
202871_at	complete	TRAF4	1	1	1	1.73	1	1	1	1	-1.73	1
205807_s_at	complete	TUFT1	1	1	1	1	-1.56	1	1	1	1	1.56
217825_s_at	complete	UBE2J1	1	1	1	1	1.49	1	1	1	1	-1.49
217727_x_at	complete	VPS35	1	1	1	-1.54	1	1	1	1	1.54	1
221785_at	complete	WIZ	1	1	1	1	1.65	1	1	1	1	-1.65
205990_s_at	complete	WNT5A	1	1	1	1	1.6	1	1	1	1	-1.6
202749_at	complete	WRB	1	1	1	-1.49	1	1	1	1	1.49	1
201531_at	complete	ZFP36	1	5.38	1	1	1	1	-5.38	1	1	1
214741_at	complete	ZNF131	1	-1.57	1	1	1	1	1.57	1	1	1
201626_at	partial		1	1.59	1.88	1	1	1	-1.59	1	1	1
201951_at	partial		1	1	1.91	1.75	1	1	1	-1.91	1	1
201952_at	partial		1	1	1.55	1.69	1.68	1	1	-1.55	1	1
202628_s_at	partial		1	1.51	2.04	1.96	2.73	1	-1.51	1	1	1
204897_at	partial		1	1.66	1.58	1	1	1	-1.66	1	1	1
205430_at	partial		1	1	2.45	2.36	1	1	1	-2.45	1	1
208079_s_at	partial		1	1	-1.4	1	1	1	1	1.4	1	1
210355_at	partial		1	1.63	1	1	1	1	-1.63	1	1	1
213844_at	partial		1	-1.77	-2.24	1	1	1	1.77	1	1	1
216035_x_at	partial		1	1	1	-1.43	1	1	1	1	1	1
217419_x_at	partial		1	1	1	1.42	1.49	1	1	1	1	-1.49
217738_at	partial		1	1	1	1.49	1.66	1	1	1	-1.49	1
218880_at	partial		1	1	1.85	1.46	1	1	1	1	-1.46	1
222001_x_at	partial		1	1	1	1.65	1.71	1	1	1	-1.65	1
36711_at	partial		1	3.51	4.99	3.06	2.17	1	-1.68	1	1	-2.17
202912_at	partial	ADM	1	1.61	1	-1.7	-1.77	1	-1.61	1	1	1
64488_at	partial	AF322649	1	1.67	1.44	1.65	1	1	-1.67	1	1	1.45
221215_s_at	partial	ANKRD3	1	1	1	1.88	1.94	1	1	1	1	-1.94
216627_s_at	partial	B4GALT1	1	1	1	1.82	1.83	1	1	1	-1.82	1
217986_s_at	partial	BAZ1A	1	1	1.52	1.6	1	1	1	-1.52	1	1
203140_at	partial	BCL6	1	1	1	-1.49	1	1	1	1	1	1
206382_s_at	partial	BDNF	1	1	-1.54	-2	1	1	1	1	2	1
204493_at	partial	BID	1	1	1.53	2.2	2.6	1	1	-1.53	1	1
202076_at	partial	BIRC2	1	1.41	2.51	2.96	2.8	1	-1.41	1	1	1
205289_at	partial	BMP2	1	2.62	4.88	3.36	2.11	1	-2.62	-1.7	1	-2.11
205290_s_at	partial	BMP2	1	3.24	5.61	2.74	2.81	1	-1.93	-2.06	1	1

205548_s_at	partial	BTG3	1	1.49	1.87	1.71	1.48	1	-1.49	1	1	-1.48
213134_x_at	partial	BTG3	1	1.55	2.38	1.89	2.08	1	-1.55	1	1	-2.08
221766_s_at	partial	C6orf37	1	-1.49	1	1	1	1	1	1	1	1
218541_s_at	partial	C8orf4	1	2.67	2.92	2.76	2.66	1	-2.67	1	-2.76	-2.66
205476_at	partial	CCL20	1	136.68	184.11	47.35	1	1	-2.53	1	1	1
211559_s_at	partial	CCNG2	1	1	1	1.99	1	1	1	1	-1.99	1.5
217523_at	partial	CD44	1	1.41	1.51	1	1	1	-1.41	1	1	1
206898_at	partial	CDH19	1	1	1	1.49	1.47	1	1	1	-1.49	1
202284_s_at	partial	CDKN1A	1	1	2.5	2.09	3.89	1	1	-2.5	1	1
203973_s_at	partial	CEBPD	1	4.31	6.79	2.93	1	1	-4.31	-1.61	1	1
219634_at	partial	CHST11	1	1	1	1.54	1.97	1	1	1	-1.54	1
207980_s_at	partial	CITED2	1	1	-1.86	-2.45	1	1	1	1	2.45	1
209357_at	partial	CITED2	1	1	-2.2	-2.19	1	1	1	1	2.19	1
204136_at	partial	COL7A1	1	1	1	1.41	1.78	1	1	1	-1.41	1
208960_s_at	partial	COPEB	1.41	1.66	1	1	1	-1.41	1	1.48	1	1
204313_s_at	partial	CREB1	1	1	1.43	1	1	1	1	-1.43	1.58	1
204314_s_at	partial	CREB1	1	1	1.52	1.41	1	1	1	-1.52	1	1
204470_at	partial	CXCL1	1	40.21	14.82	8.77	1	9.22	-1.84	1	-8.77	1
209774_x_at	partial	CXCL2	11.83	19.78	12.23	4.79	4.25	-1.54	-2.2	1	1	-4.25
207850_at	partial	CXCL3	6.43	16.05	6.98	6.51	4.65	1	-1.86	1	1	-4.65
221903_s_at	partial	CYLD	1	1	1	2.73	2.46	1	1	1	1	-2.46
218819_at	partial	DDX26	1	1	1	1	-1.4	1	1	1	1	1.4
212665_at	partial	DKFZP434 J2	1	1	-1.48	1	1	1	1	1	1	1
218149_s_at	partial	DKFZp434 K1	1	1	1	-1.7	-1.58	1	1	1	1	1.58
204602_at	partial	DKK1	1	1	1	-1.95	-2.15	1	1	1	1.41	1
205677_s_at	partial	DLEU1	1	1	1	1	-1.41	1	1	1	1	1
203810_at	partial	DNAJB4	1	1	1	-1.8	-1.62	1	1	1	1	1.62
202842_s_at	partial	DNAJB9	1	1	1	1.81	2.22	1	1	1	-1.81	1
201627_s_at	partial	DPP6	1	1.49	1.83	1	1	1	-1.49	-1.83	1	1.4
201041_s_at	partial	DUSP1	2.64	4.79	1.57	1	1	-1.84	-2.16	1	1	1
221563_at	partial	DUSP10	1	2.02	2.06	1.73	1	1	1	1	-1.73	1
202668_at	partial	EFNB2	1	1	1	-1.42	-1.49	1	1	1	1	1
201983_s_at	partial	EGFR	1	1	1.54	1	1	1	1	-1.54	1.43	1
201984_s_at	partial	EGFR	1	1	1	1.46	1.49	1	1	1	1	-1.49

205767_at	partial	EREG	1	2.46	2.09	1	1	1	-2.46	1	1	1
222303_at	partial	ETS2	1	1.99	1.77	1	1	1	-1.99	-1.77	2.03	1
218618_s_at	partial	FAD104	1	1	1	1.71	1.62	1	1	1	1	-1.62
219522_at	partial	FJX1	1	1.4	1.57	1	1	1	-1.4	1	1	1
219901_at	partial	FLJ11183	1	1	1	1	2.2	1	1	1	2.44	-2.2
218710_at	partial	FLJ20272	1	1	1	1.41	1	1	1	1	-1.41	1.56
220468_at	partial	FLJ22595	1	2.4	3.87	1	1	1	-2.4	-1.44	1	1
219474_at	partial	FLJ23186	1	1	1.53	1.53	1.51	1	1	-1.53	1	-1.51
219250_s_at	partial	FLRT3	1	1	-1.65	-1.92	-1.64	1	1	1.65	1	1
202724_s_at	partial	FOXO1A	1	1	2.28	1.99	1	1	1	-2.28	1	1
203705_s_at	partial	FZD7	1	1	-1.51	1	1	1	1	1	1	1
203706_s_at	partial	FZD7	1	-1.49	-1.72	1	1	1	1.49	1	1	1
211458_s_at	partial	GABARAP L1	1	1.72	1.61	2.12	1	1	-1.72	1	-2.12	1
207014_at	partial	GABRA2	1	1	2.07	1.46	1.73	1	1	-1.47	1	1
204222_s_at	partial	GLIPR1	1	1	1.74	1.63	1.7	1	1	1	-1.63	-1.7
213880_at	partial	GPR49	1	1	1	-1.82	-2.67	1	1	1	1.82	-1.75
206432_at	partial	HAS2	1	1	-1.41	-1.81	1	1	1	1.57	1.47	1
217168_s_at	partial	HERPUD1	1	1	1	2.72	3.59	1	1	1	-1.54	1
44783_s_at	partial	HEY1	1	-1.45	-1.98	-1.63	-1.5	1	1.45	1	1.63	1
202814_s_at	partial	HIS1	1	1	1	-1.86	1	1	1	1	1	1
204512_at	partial	HIVEP1	1	1	2.01	1.59	1.48	1	1	1	1	-1.48
212641_at	partial	HIVEP2	1	1	2.53	2.28	2.52	1	1	1	1	-2.52
209905_at	partial	HOXA9	1	-1.44	-1.75	1	1	1	1.44	1	1	1
208937_s_at	partial	ID1	1	-1.91	1	1	1	1	1	1	1	1
201565_s_at	partial	ID2	1	-1.52	-1.55	-1.51	-1.54	1	1	1	1	1
207826_s_at	partial	ID3	1	1	1	-1.44	1	1	1	1	1	1
201631_s_at	partial	IER3	1.81	3.59	2.43	1.71	1.89	1	-1.64	1	1	1
201642_at	partial	IFNGR2	1	1.58	3.22	3.66	2.58	1	-1.58	1	1	1
203233_at	partial	IL4R	1	1	1	1.54	1.76	1	1	1	1	-1.76
205207_at	partial	IL6	1	4.93	4.54	2.26	1	1	-1.84	1	-2.26	1
204863_s_at	partial	IL6ST	1	1	1.65	1.93	1	1	1	-1.65	1	2.11
204864_s_at	partial	IL6ST	1	1	1.86	1	1.93	1	1	-1.86	1.62	1
211000_s_at	partial	IL6ST	1	1	1.63	1	1.95	1	1	-1.63	1.6	1
202859_x_at	partial	IL8	20.11	95.99	92.43	84.31	36.74	1	-1.42	1	1	-1.74
211506_s_at	partial	IL8	1	90.68	120.64	61.05	26.44	1	-2.05	1	1	-26.44

210511_s_at	partial	INHBA	1	3.41	5.7	11.79	12.05	1	-3.41	-1.8	-1.89	-1.73
204686_at	partial	IRS1	1	1	-1.45	-1.63	-1.54	1	1	1.45	1	1
202351_at	partial	ITGAV	1	1	1.41	1.63	1.62	1	1	-1.41	1	1
201466_s_at	partial	JUN	3.78	8.14	1	1	1	1	-1.49	2.8	1	1
201473_at	partial	JUNB	1	3.44	2.57	2.27	2.5	1	-1.69	1	1	1
204401_at	partial	KCNN4	1	1	1	-1.51	-1.43	1	1	1	1.51	1
212110_at	partial	KIAA0062	1	1	1	1.52	1.87	1	1	1	-1.52	1
203068_at	partial	KIAA0469	1	1	1	2.72	3.42	1	1	1	1	-3.42
204094_s_at	partial	KIAA0669	1	1	1	-1.57	-1.53	1	1	1	1	1
203051_at	partial	KIAA0945	1.46	1	1	1	1	-1.46	1	1	1	1
218418_s_at	partial	KIAA1518	1	1	1	1	-1.45	1	1	1	1	1
213085_s_at	partial	KIBRA	1	1	1	1.69	1.78	1	1	1	1	-1.78
206785_s_at	partial	KLRC1	1	1.61	2.11	2.93	3.25	1	-1.61	1	1	1
210663_s_at	partial	KYNU	1	1	1	2.64	1.75	1	1	1	1	-1.75
217388_s_at	partial	KYNU	1	1	1	1.82	2.89	1	1	1	-1.82	-1.53
200771_at	partial	LAMC1	1	1	1	1.43	1.5	1	1	1	1	-1.5
221011_s_at	partial	LBH	1	1	1	-2.01	-1.87	1	1	1	1	1.87
202068_s_at	partial	LDLR	1	1.43	1	1	1	1	-1.43	1.53	1	1
218656_s_at	partial	LHFP	1	1	1	1.57	1.6	1	1	1	1	-1.6
205266_at	partial	LIF	1	3.68	3.59	3.38	3.02	1	-1.58	1	1	1
200706_s_at	partial	LITAF	1	1	1	1.45	1.46	1	1	1	-1.45	1
57715_at	partial	LOC5106 3	1	1	1	-1.6	-1.55	1	1	1	1.6	1
205398_s_at	partial	MADH3	1	1	1.48	2.37	2.33	1	1	-1.48	1	1
200798_x_at	partial	MCL1	1	1.43	1	1.47	1.59	1	-1.43	1	-1.47	1
213457_at	partial	MFHAS1	1	1	1.84	1.54	1.49	1	1	1	1	-1.49
214023_x_at	partial	MGC8685	1	1.45	1.75	2.02	1.63	1	-1.45	1	1	1
212944_at	partial	MRPS6	1	1	1	-1.43	1	1	1	1	1.43	1
202907_s_at	partial	NBS1	1	1	1	1	1.47	1	1	1	1.54	-1.47
212445_s_at	partial	NEDD4L	1	1	1.67	2.05	1.42	1	1	-1.67	1	1
207535_s_at	partial	NFKB2	1	2.33	2.95	4.51	5.12	1	-2.33	1	1	1
203927_at	partial	NFKBIE	1	1	3.13	2.91	2.38	1	1	1	1	-2.38
209706_at	partial	NKX3-1	1	1.78	2.17	2.1	1.56	1	-1.78	1	1	1
209121_x_at	partial	NR2F2	1	1	1	-1.4	-1.68	1	1	1	1.4	1
217739_s_at	partial	PBEF	1	1	1	1.7	1.66	1	1	1	1	-1.66
205534_at	partial	PCDH7	1	1	1	-1.47	1	1	1	1	1	1



213228_at	partial	PDE8B	1	1	1	-1.55	-1.86	1	1	1	1.55	1
213227_at	partial	PGRMC2	1	1	1	-1.51	1	1	1	1	1	1
217997_at	partial	PHLDA1	1	1.5	1	1	1	1	-1.5	1	1	1
207558_s_at	partial	PITX2	1	1	-1.62	1	-1.54	1	1	1.62	1	1
219014_at	partial	PLAC8	1	1	1	1	-1.4	1	1	1	1	1
205479_s_at	partial	PLAU	1	2.51	3.87	2.56	1.88	1	-1.46	1	1	1
211924_s_at	partial	PLAUR	1	1	1	1.46	2.03	1	1	1	-1.46	1
204286_s_at	partial	PMAIP1	1	1.47	1	1	1	1	-1.47	1	1.58	1
209355_s_at	partial	PPAP2B	1	1	1.79	1.85	1.79	1	1	-1.79	1	1
212226_s_at	partial	PPAP2B	1	1	1.58	1.69	1.86	1	1	-1.58	1	1
201489_at	partial	PPIF	1	1	1	1.47	1.72	1	1	1	-1.47	1
206157_at	partial	PTX3	2.27	11.61	14.39	13.69	7.52	1	-1.79	1	1	1
212444_at	partial	RAI3	1	1	1	1	-2.06	1	1	1	1	1
206036_s_at	partial	REL	1	2.07	2.76	1	1	1	-2.07	1	1	1
202388_at	partial	RGS2	1	-1.74	-1.77	-2.04	-1.9	1	1.74	1	1	1
203286_at	partial	RNF44	1	1	1	1.49	1.49	1	1	1	1	-1.49
202449_s_at	partial	RXRA	1	1	-1.62	-1.67	-1.48	1	1	1.62	1	1.48
218681_s_at	partial	SDF2L1	1	1	1	1.89	2.58	1	1	1	-1.89	1
203788_s_at	partial	SEMA3C	1	1	1	1.4	1.52	1	1	1	-1.4	1
203789_s_at	partial	SEMA3C	1	1	1.43	1.66	1.62	1	1	-1.43	1	-1.62
204614_at	partial	SERPINB2	1	1	2.8	3.43	6.72	1	1	-2.8	-3.43	-2.03
218066_at	partial	SLC12A7	1	1.49	2.45	2.52	1.79	1	-1.49	1	1	1
201920_at	partial	SLC20A1	1	1	1	-1.5	1	1	1	1	1	1
204204_at	partial	SLC31A2	1	1	1	1	1.59	1	1	1	1.81	-1.59
220987_s_at	partial	SNARK	1	5.54	5.34	2.71	1.85	1	1	1	1	-1.85
204467_s_at	partial	SNCA	1	1	1	-1.72	-2.08	1	1	1	1	1
201939_at	partial	SNK	1	1.95	2.56	1.76	1.74	1	1	1	1	-1.74
219257_s_at	partial	SPHK1	1	1	1	1.58	2.09	1	1	1	-1.58	1
201471_s_at	partial	SQSTM1	1	1	1.52	2.05	1.81	1	1	-1.52	1	1
213112_s_at	partial	SQSTM1	1	1	6.04	4.34	3.29	1	1	-6.04	1	1
202506_at	partial	SSFA2	1	1	1	-1.4	1	1	1	1	1	1
208991_at	partial	STAT3	1	1	1	1.89	1.6	1	1	1	1	-1.6
209451_at	partial	TANK	1	1	1	1	1.95	1	1	1	2.21	-1.95
208829_at	partial	TAPBP	1	1	1.53	2.91	2.68	1	1	-1.53	1	1
212762_s_at	partial	TCF7L2	1	1	1	-1.54	1	1	1	1	1.54	1
217853_at	partial	TENS1	1	1	1	1	1.53	1	1	1	1.5	-1.53

205016_at	partial	TGFA	1	1	1	-1.47	1	1	1	1	1	1
220407_s_at	partial	TGFB2	1	1	1.56	1	-1.51	1	1	-1.56	1	1
216262_s_at	partial	TGIF2	1	1	1.49	1.4	1	1	1	1	-1.4	1
218724_s_at	partial	TGIF2	1	1	1.46	1	1	1	1	-1.46	1.52	1
201110_s_at	partial	THBS1	1	1	1	1	-1.99	1	1	1	1	1.71
201645_at	partial	TNC	1	1	1	1.42	2	1	1	1	-1.42	1
202643_s_at	partial	TNFAIP3	3.73	11.66	9.6	7.75	6.08	1	-1.82	-1.43	1	1
202644_s_at	partial	TNFAIP3	3.6	21.7	20.84	14.84	11.95	1	-1.7	1	1	1
209295_at	partial	TNFRSF10 B	1	1.66	2.64	2.62	2.21	1	-1.66	1	1	1
214581_x_at	partial	TNFRSF21	1	1	1	-1.55	-1.58	1	1	1	1	1.58
202704_at	partial	TOB1	1	1	-1.63	1	1	1	1	1	1	1
204140_at	partial	TPST1	1	1	1	1.5	1.41	1	1	1	-1.5	1
217959_s_at	partial	TRAPPC4	1	1	1	1	-1.58	1	1	1	1	1.58
202478_at	partial	TRB2	1	1	-1.63	-1.43	-1.56	1	1	1.63	1.43	1
204141_at	partial	TUBB	1	1	1.43	1	1	1	1	-1.43	1.48	1
213146_at	partial	UTX	1	2.29	3.2	1.81	1	1	-2.29	-1.48	-1.81	1
41386_i_at	partial	UTX	1	1.94	3.96	1.41	1.57	1	-1.94	-1.44	1	-1.57
204255_s_at	partial	VDR	1	1	1	1	1.49	1	1	1	1.48	-1.49
205926_at	partial	WSX1	1	1	1	2.29	2.22	1	1	1	-2.29	1
201749_at	no response		1	1	1	1.93	2.38	1	1	1	1	1
202214_s_at	no response		1	1	1	1	-1.59	1	1	1	1	1
202421_at	no response		1	1	1	1.43	1.46	1	1	1	1	1
202627_s_at	no response		1	1	1.56	1.82	1.63	1	1	1	1	1
204573_at	no response		-2.23	1	1	1	1	1	1	1	1	1
204656_at	no response		1	1	1	1.4	1	1	1	1	1	1
205003_at	no response		1	1	1	2.28	2.22	1	1	1	1	1
205070_at	no response		1	1	1	-1.67	1	1	1	1	1	1
205501_at	no response		1	1	1	1	2.02	1	1	1	1	1
209011_at	no response		1	1	1	1.47	1.55	1	1	1	1	1
209012_at	no response		1	1	1	1.75	1.64	1	1	1	1	1
209031_at	no response		1	1	1	1	1.97	1	1	1	1	1
209185_s_at	no response		1	1	1	-1.55	-1.69	1	1	1	1	1
209544_at	no response		1	1	1	2.08	1	1	1	1	1	1
209716_at	no response		1	1	3.97	4.34	2.86	1	1	1	1.5	1
209939_x_at	no response		1	1	1	1	1.48	1	1	1	1	1

211031_s_at	no response		1	1	1	1.82	2.32	1	1	1	1.48	1
212040_at	no response		1	1	1	2.24	1	1	1	1	1	1
212195_at	no response		1	1	1.55	1.99	2.05	1	1	1	1	1
212196_at	no response		1	1	1.64	1.8	2.15	1	1	1	1	1
212200_at	no response		1	1	1	1.62	1	1	1	1	1	1.68
212201_at	no response		1	1	1.41	1.71	1.61	1	1	1	1	1
212288_at	no response		1	1	1	1	1.4	1	1	1	1.44	1
212845_at	no response		1	1	1.66	1.46	1	1	1	1	1	1
212875_s_at	no response		1	1	1	2.06	1.54	1	1	1.63	1	1
215629_s_at	no response		1	1	1	1	-1.68	1	1	1	1	1
216449_x_at	no response		1	1	1	1	1.77	1	1	1	1	1
216511_s_at	no response		1	1	1	-1.51	1	1	1	1	1	1
217200_x_at	no response		1	1	1	1	1.46	1	1	1	1.47	1
217914_at	no response		1	1	1	1	1.43	1	1	1	1.54	1
218330_s_at	no response		1	1	1	2.99	2.99	1	1	1	1	1
218543_s_at	no response		1	1	1	1.59	1.72	1	1	1	1	1
219312_s_at	no response		1	1	2.89	1	1	1	1	1	1	1
221911_at	no response		1	1	1	-1.93	-2.04	1	1	1	1	1
43511_s_at	no response		1	1	1	1	1.57	1	1	1	1.42	1
216272_x_at	no response	7h3	1	1	1	1	1.84	1	1	1	1	1
44702_at	no response	7h3	1	1	1	1	1.62	1	1	1	1	1
203504_s_at	no response	ABCA1	1	1	1	1	-1.47	1	1	1	1	1
202850_at	no response	ABCD3	1	1	1	1	-1.61	1	1	1	1	1
212895_s_at	no response	ABR	1	1	1	1.85	1.72	1	1	1	1	1
214671_s_at	no response	ABR	1	1	1	1.93	2.13	1	1	1	1	1
220287_at	no response	ADAMTS9	1	1.69	1.99	1.79	1.56	1	1	1	1	1
203865_s_at	no response	ADARB1	1	1	1	-1.62	1	1	1	1	1	1
212543_at	no response	AIM1	1	1	1	1.41	1	1	1	1.87	1	1
207992_s_at	no response	AMPD3	1	1	1	1.47	1	1	1	1.47	1	1
215148_s_at	no response	APBA3	1	1	1	1	1.42	1	1	1	1	1
219045_at	no response	ARHF	1	1	1.47	2.09	1.59	1	1	1	1	1
202655_at	no response	ARMET	1	1	1	1	1.76	1	1	1	1	1
220658_s_at	no response	ARNTL2	1	1	1	1.52	1.7	1	1	1	1	1
204999_s_at	no response	ATF5	1	1	1	1	1.67	1	1	1	1	1
201242_s_at	no response	ATP1B1	1	1	1	1	-1.67	1	1	1	1	1
201243_s_at	no response	ATP1B1	1	1	1	1	-1.57	1	1	1	1	1

221484_at	no response	B4GALT5	1	1	1.53	1	1	1	1	1	1.53	1.44
221485_at	no response	B4GALT5	1	1	1.51	1.53	1	1	1	1	1	1.43
205681_at	no response	BCL2A1	1	1	1	1	5.06	1	1	1	1	1
204908_s_at	no response	BCL3	1	1	3.65	4.71	6.13	1	1	1	1	1
209373_at	no response	BENE	1	1	1	1	-1.62	1	1	1	1	1
201169_s_at	no response	BHLHB2	1	1.8	1.71	1.68	1	1.8	1	1	1	2.04
201170_s_at	no response	BHLHB2	1	1.59	2.18	1.76	1.75	1.8	1	1	1	1
221530_s_at	no response	BHLHB3	1	1	2.47	1.91	1.56	1	1	1	1	1
211725_s_at	no response	BID	1	1	1	1.63	1.68	1	1	1	1	1
210538_s_at	no response	BIRC3	1	6.14	29.92	44.07	19.01	1	1	1	1	1
205431_s_at	no response	BMP5	1	1	1	1.69	1.65	1	1	1	1	1
217967_s_at	no response	C1orf24	1	1	1	2.01	2.72	1	1	1	1	1
220975_s_at	no response	C1QTNF1	1	1	1	1	1.82	1	1	1	1.68	1
210357_s_at	no response	C20orf16	1	1	2.51	2.64	2.77	1	1	1	1	1
218145_at	no response	C20orf97	1	1	1	1	1.45	1	1	1	1	1
219600_s_at	no response	C21orf4	1	1	1	1	1.49	1	1	1	1	1
202241_at	no response	C8FW	1	1	1.9	1	1	1.71	1.57	1	1	1
203963_at	no response	CA12	1	1	1	1.67	1	1	1	1	1	1.5
215198_s_at	no response	CALD1	1	1.77	1	1	1	1	1	1	1	1
212971_at	no response	CARS	1	1	1	1	1.44	1	1	1	1	1
211075_s_at	no response	CD47	1	1	1	1	1.48	1	1	1	1	1
211744_s_at	no response	CD58	1	1	1	1.66	1	1	1	1	1	1.41
216942_s_at	no response	CD58	1	1	1	1.49	1	1	1	1	1	1
204440_at	no response	CD83	1	2.53	3.48	4.49	4.61	1	1	1	1	1
202910_s_at	no response	CD97	1	1	1	1	1.46	1	1	1	1	1
209286_at	no response	CDC42EP3	1	1	-1.55	1	1	1	1	1	1	1
209287_s_at	no response	CDC42EP3	1	1	1	-1.41	1	1	1	1	1	1
218451_at	no response	CDCP1	1	1	1	1	1.73	1	1	1	1	1
209112_at	no response	CDKN1B	1	1	-1.49	1	1	1	1	1	1	1
212501_at	no response	CEBPB	1	1	2.09	2.09	2.64	1	1	1	1	1
218182_s_at	no response	CLDN1	1	1	3.68	5.25	6.37	1	1	1	1	1
210346_s_at	no response	CLK4	1	1	1.53	1	1	1	1	1	1	1
222182_s_at	no response	CNOT2	1	1	1	-1.66	1	1	1	1	1	1
212091_s_at	no response	COL6A1	1	1	1	1.84	2.1	1	1	1	1	1

213428_s_at	no response	COL6A1	1	1	1	1.48	1.73	1	1	1	1	1
209156_s_at	no response	COL6A2	1	1	1	1.44	2.1	1	1	1	1	1
208961_s_at	no response	COPEB	1.53	1.71	1	1	1	1	1	1.49	1	1
209432_s_at	no response	CREB3	1	1	1	1	1.88	1	1	1	1	1
210229_s_at	no response	CSF2	1	46.2	23.29	1	1	1	1	1	1	1
202573_at	no response	CSNK1G2	1	1	1	1	1.41	1	1	1	1	1
221731_x_at	no response	CSPG2	1	1	1	1	-1.65	1	1	1	1	1
823_at	no response	CX3CL1	1	1	2.86	2.76	1	1	1	1	1.42	2.08
203917_at	no response	CXADR	1	1	1	1	-1.45	1	1	1	1	1
204533_at	no response	CXCL10	1	1	1	2.07	2.35	1	1	1	1	1
209163_at	no response	CYB561	1	1	1	1.45	1.81	1	1	1	1	1
213295_at	no response	CYLD	1	1	1	1.81	1.48	1	1	1	1	1
205749_at	no response	CYP1A1	1	1	-1.93	-2.07	-1.95	1	1	1	1	1
214079_at	no response	DHRS2	1	1	1	1	-1.75	1	1	1	1	1
221245_s_at	no response	DKFZP434 E2	1	1	-1.68	1	1	1	1	1	1	1
221538_s_at	no response	DKFZp564 A1	1	1	1	1.49	2.07	1	1	1	1	1
213497_at	no response	DKFZP586 C1	1	1	2	2.48	1.84	1	1	1	1	1
205396_at	no response	DKFZP586 N0	1	1	1	1.7	1.91	1	1	1	1	1
218284_at	no response	DKFZP586 N0	1	1	1	1.6	1.52	1	1	1	1	1
54970_at	no response	DKFZp761 I2	1	1	1	1	1.72	1	1	1	1	1
216870_x_at	no response	DLEU2	1	1	1	1	-1.41	1	1	1	1	1
200664_s_at	no response	DNAJB1	1	1	1	-1.76	1	1	1	1	1	1
200666_s_at	no response	DNAJB1	1	1	1	-1.68	1	1	1	1	1	1
208499_s_at	no response	DNAJC3	1	1	1	1	2.47	1	1	1	1	1
208370_s_at	no response	DSCR1	1	1	1.55	1	1	1	1	1	1.54	1
206374_at	no response	DUSP8	1	2.62	2.58	1	1	1	1	1.6	2.33	1
202023_at	no response	EFNA1	1	1	22.17	1	1	1	1	1	1	1
212830_at	no response	EGFL5	1	1	1	-1.87	-1.64	1	1	1	1	1
211607_x_at	no response	EGFR	1	1	1	1.96	1	1	1	1	1	1
208112_x_at	no response	EHD1	1	1	2.05	3	3.24	1	1.56	1	1	1
209037_s_at	no response	EHD1	1	1	2.31	2.93	2.45	1	1	1	1	1

209038_s_at	no response	EHD1	1	1	2.01	2.08	2.94	1	1	1	1	1
209039_x_at	no response	EHD1	1	1	1.98	2.53	2.6	1	1	1	1	1
222221_x_at	no response	EHD1	1	1	3.12	4.7	4.12	1	1	1	1	1
204398_s_at	no response	EML2	1	1	1	1	1.48	1	1	1	1	1
201324_at	no response	EMP1	1	1	1	1	-1.4	1	1	1	1	1
203499_at	no response	EPHA2	1	1.46	1.76	1	1	1	1	1	1	1
221781_s_at	no response	ERdj5	1	1	1	1	1.63	1	1	1	1	1
208658_at	no response	ERP70	1	1	1	1	1.68	1	1	1	1	1
211048_s_at	no response	ERP70	1	1	1	1	1.41	1	1	1	1	1
202081_at	no response	ETR101	1.59	2.16	1	1	1	1	1	1	1	1
214447_at	no response	ETS1	1	1	1	1.56	1	1	1	1	1	1
201328_at	no response	ETS2	1	1	1.6	2.03	1	1	1	1	1	1
203646_at	no response	FDX1	1	1	1	1	-1.73	1	1	1	1	1
200895_s_at	no response	FKBP4	1	1	1	1	-1.43	1	1	1	1	1
215704_at	no response	FLG	1	1	1	-3.22	1	1	1	1	1	1
219648_at	no response	FLJ10116	1	1	1	1.64	1.48	1	1	1	1	1
218004_at	no response	FLJ10276	1	1	1.64	1	1	1	1	1	1.5	1
220326_s_at	no response	FLJ10357	1	1	1	1.91	1.76	1	1	1	1	1
58780_s_at	no response	FLJ10357	1	1	1	1.93	1.94	1	1	1.41	1	1
220731_s_at	no response	FLJ10420	1	1	1	1.59	1.68	1	1	1	1	1
58308_at	no response	FLJ10759	1	1	1	-1.52	1	1	1	1	1	1
219010_at	no response	FLJ10901	1	1	1	1	3.21	1	1	1	2.6	1
218651_s_at	no response	FLJ11196	1	1	1.57	1.58	1.56	1	1	1	1	1
218627_at	no response	FLJ11259	1	1	1.93	3.35	3.35	1	1	1	1	1
221701_s_at	no response	FLJ12541	1	1	1	1	1.48	1	1	1	1	1
219235_s_at	no response	FLJ13171	1	1	1	1.55	1	1	1	1	1	1
218029_at	no response	FLJ13725	1	1	1	1.62	1.98	1	1	1	1	1
45749_at	no response	FLJ13725	1	1	1	1	1.44	1	1	1	1	1
212848_s_at	no response	FLJ14675	1	1	1	1	-1.53	1	1	1	1	1
204508_s_at	no response	FLJ20151	1	1	1	1	1.51	1	1	1	1.73	1
219338_s_at	no response	FLJ20156	1	1	1.56	1.63	1.65	1	1	1	1	1
218035_s_at	no response	FLJ20273	1	1	1.78	2.1	1.49	1	1	1	1	1
219315_s_at	no response	FLJ20898	1	1	1	1	1.71	1	1	1	1	1
218144_s_at	no response	FLJ22056	1	1	1	1	1.54	1	1	1	1	1
219202_at	no response	FLJ22341	1	1	1	1.61	1.92	1	1	1	1	1
220169_at	no response	FLJ23235	1	1	1	1.79	1	1	1	1	1	1

219973_at	no response	FLJ23548	1	1	1	1	-1.83	1	1	1	1	1
36564_at	no response	FLJ90005	1	1	1	1	1.52	1	1	1	1	1
210142_x_at	no response	FLOT1	1	1	1	1	-1.43	1	1	1	1	1
205935_at	no response	FOXF1	1	1	-1.45	1	1	1	1	1	1	1
205565_s_at	no response	FRDA	1	1	1	1.51	1.65	1	1	1	1	1
203592_s_at	no response	FSTL3	1	1	1.81	2.08	1	1	1	1	1	1.46
213524_s_at	no response	GOS2	1	1	6.72	9.97	6.38	1	1	1	1	1
203725_at	no response	GADD45A	1	1.73	1.85	1	1	1.61	1	1.62	1.72	1
209710_at	no response	GATA2	1	1	-1.83	1	1	1	1	1	1	1
210002_at	no response	GATA6	1	1	1.9	1	1	1	1	1	1.5	1
218834_s_at	no response	GBP	1	1	1	1	2.43	1	1	1	1.7	1
202269_x_at	no response	GBP1	1	1	1	7.21	1	1	1	1	1	1
202748_at	no response	GBP2	1	1	1	1.7	1	1	1	1	1	1.42
204224_s_at	no response	GCH1	1	1	1.85	2.03	1.81	1	1	1	1	1
204867_at	no response	GCHFR	1	1	1	1	-1.78	1	1	1	1	1
204472_at	no response	GEM	1	1.63	1.61	1	1	1	1	1	1	1
205100_at	no response	GFPT2	1	1	2.15	3.56	3.84	1	1	1	1	1
208296_x_at	no response	GG2-1	1	1	2.3	2.67	1.93	1	1	1	1	1
210260_s_at	no response	GG2-1	1	1	2.21	2.61	2.99	1	1	1	1	1
209576_at	no response	GNAI1	1	1	1	-1.61	-1.66	1	1	1	1	1
210473_s_at	no response	GPR125	1	1	1	1	1.42	1	1	1	1	1
203632_s_at	no response	GPRC5B	1	1	1	3.81	4.25	1	1	1	1	1
219327_s_at	no response	GPRC5C	1	1	1	-1.87	-2.39	1	1	1	1	1
204396_s_at	no response	GPRK5	1	1	1	1.64	1	1	1	1	1.48	1
212090_at	no response	GRINA	1	1	1	1.62	2.24	1	1	1	1	1
221667_s_at	no response	H11	1	1	1	1	-1.89	1	1	1.44	1.45	1
203394_s_at	no response	HES1	1	-1.48	-1.6	1	1	1	1	1	1	1
218839_at	no response	HEY1	1	1	1	1	-1.43	1	1	1	1	1
212642_s_at	no response	HIVEP2	1	1	2.28	2.31	1.82	1	1	1	1	1
213932_x_at	no response	HLA-A	1	1	1	1.51	1.87	1	1	1	1	1
215313_x_at	no response	HLA-A	1	1	1	1.52	1.66	1	1	1	1	1
208729_x_at	no response	HLA-B	1	1	1	1.54	1.88	1	1	1	1	1
209140_x_at	no response	HLA-B	1	1	1	1.68	2.03	1	1	1	1	1
211911_x_at	no response	HLA-B	1	1	1	1.49	1.44	1	1	1	1	1
216526_x_at	no response	HLA-C	1	1	1	1.54	1.64	1	1	1	1	1
211529_x_at	no response	HLA-G	1	1	1	1.5	1.89	1	1	1	1	1

211530_x_at	no response	HLA-G	1	1	1	1	1.75	1	1	1	1	1
212115_at	no response	HN1L	1	1	1	1	1.51	1	1	1	1	1
204818_at	no response	HSD17B2	1	1	1	-1.4	-2.24	1	1	1	1	1
200799_at	no response	HSPA1A	1	1	1	-2.01	-1.7	1	1	1	1	1
200800_s_at	no response	HSPA1B	1	1	1	-1.68	-1.74	1	1	1	1	1
202581_at	no response	HSPA1B	1	1	1	-1.56	-1.67	1	1	1	1	1
211936_at	no response	HSPA5	1	1	1	1	1.94	1	1	1	1	1
202602_s_at	no response	HTATSF1	1	1	1	1	-1.6	1	1	1	1	1
200825_s_at	no response	HYOU1	1	1	1	1	1.71	1	1	1	1	1
202637_s_at	no response	ICAM1	1	1	7.94	15.58	8.69	1	1	1	1	1
202638_s_at	no response	ICAM1	1	4.74	18.28	30.07	18.6	1	1	1	1	1
215485_s_at	no response	ICAM1	1	1	3.45	3.58	4.24	1	1	1	1	1
213931_at	no response	ID2	-2.29	-1.95	1	1	1	1	1	1	1	1
218611_at	no response	IER5	1	2.66	2.58	1.59	1.7	1	1	1	1	1
204786_s_at	no response	IFNAR2	1	1	5.81	2.7	1	1	1	1	1	1
202727_s_at	no response	IFNGR1	1	1	1.59	1.71	1	1	1	1	1	1.41
211676_s_at	no response	IFNGR1	1	1	1	1.63	1.43	1	1	1.45	1	1
204549_at	no response	IKBKE	1	1	1	1.61	2.22	1	1	1.49	1	1
205376_at	no response	INPP4B	1	1	1	1	-1.64	1	1	1	1	1
202531_at	no response	IRF1	1	2.47	2.54	2.05	1.94	1	1	1	1	1
203275_at	no response	IRF2	1	1	1	1.83	1.84	1	1	2.3	1	1
205032_at	no response	ITGA2	1	1	1	1	1.83	1	1	1	1	1
201363_s_at	no response	IVNS1ABP	1	-1.45	-1.43	1	1	1	1	1	1	1
201464_x_at	no response	JUN	3.97	5.55	1.66	1	1	1	1	1.55	1	1
213281_at	no response	JUN	1.97	2.62	1.41	1	1	1	1	1	1	1
203752_s_at	no response	JUND	1	1	1.65	1	1	1	1.49	1	1.56	1
203402_at	no response	KCNAB2	1	1	1	1	1.45	1	1	1	1	1
212704_at	no response	KIAA0191	1	1	1	1	-1.47	1	1	1	1	1
213107_at	no response	KIAA0551	1	1	1	1	-1.51	1	1	1	1	1
205730_s_at	no response	KIAA0843	1	1	1	1	2.09	1	1	1	1	1
215760_s_at	no response	KIAA0963	1	1	1	1.58	2.14	1	1	1	1	1
212838_at	no response	KIAA1010	1	1	-1.44	1	1	1	1	1	1	1
222157_s_at	no response	KIAA1449	1	1	1	1	1.47	1	1	1	1	1
201648_at	no response	KIAA1579	1	1	1	1.69	1.69	1	1	1	1	1
204334_at	no response	KLF7	1	1	2.56	1.89	1.64	1	1.44	1	1	1
202267_at	no response	LAMC2	1	1	1.77	3.79	5.31	1	1	1	1	1



207517_at	no response	LAMC2	1	2.92	3.26	3.22	3.57	1	1	1	1	1
211005_at	no response	LAT	1	1	1	1.43	1.73	1	1	1	1	1
203002_at	no response	LCCP	1	1	1.6	1	1	1	1	1	1	1
217173_s_at	no response	LDLR	1	1.99	1.56	1	1	1	1	1	1.43	1
212412_at	no response	LIM	1	1	1	1	-1.53	1	1	1	1	1
213142_x_at	no response	LOC5410 3	1	1	1	1.62	2.25	1	1	1.41	1	1
222150_s_at	no response	LOC5410 3	1	1	1	1.57	1.97	1	1	1	1.45	1
219596_at	no response	LOC5690 6	1	1	1	-1.62	-1.6	1	1	1	1	1
202998_s_at	no response	LOXL2	1	1	1	1.57	1.54	1	1	1	1	1
216250_s_at	no response	LPXN	1	1	1	1	1.64	1	1	1	1	1
211596_s_at	no response	LRIG1	1	1	1	1	1.53	1	1	1	1.57	1
207339_s_at	no response	LTB	1	1	3.74	8.08	9.69	1	1	1	1.78	1.64
210993_s_at	no response	MADH1	1	1	1.84	1.94	1.56	1	1	1	1	1
205397_x_at	no response	MADH3	1	1	1	2.08	1	1	1	1	1	1
202670_at	no response	MAP2K1	1	1	1	1	1.57	1	1	1	1	1
207667_s_at	no response	MAP2K3	1	1	1	1.59	1	1	1	1.5	1	1.48
215498_s_at	no response	MAP2K3	1	1	1.46	1.81	1.56	1	1	1	1	1
215499_at	no response	MAP2K3	1	1	1.44	1.52	1	1	1	1	1	1.4
203514_at	no response	MAP3K3	1	1	1	2.22	1	1	1	1	1	1
205375_at	no response	MDF1	1	1	1	1	-1.75	1	1	1	1	1
209199_s_at	no response	MEF2C	1	1	1	-1.46	-1.48	1	1	1	1	1
207480_s_at	no response	MEIS2	1	1	1	1	-1.43	1	1	1	1	1
220189_s_at	no response	MGAT4B	1	1	1	1	1.65	1	1	1	1	1
218600_at	no response	MGC1098 6	1	1	1	1.66	2.07	1	1	1	1	1
218358_at	no response	MGC1125 6	1	1	1	1	1.42	1	1	1	1	1
221912_s_at	no response	MGC1203	1	1	1	1.66	2.31	1	1	1	1	1.42
218260_at	no response	MGC2594	1	1	1	1	1.52	1	1	1	1	1
217992_s_at	no response	MGC4342	1	1	1.42	1.84	2.17	1	1	1	1	1
209372_x_at	no response	MGC8685	1	1	1	1.42	1	1	1	1.4	1	1.79
203637_s_at	no response	MID1	1	1	1	1	-1.54	1	1	1	1	1
203414_at	no response	MMD	1	1	1	2.05	1.67	1	1	1	1	1

204475_at	no response	MMP1	1	1	1	1	4.36	1	1	1	1	1
201069_at	no response	MMP2	1	1	1	1	-1.45	1	1	1	1	1
203936_s_at	no response	MMP9	1	1	1	1	1.42	1	1	1	1	1
212885_at	no response	MPHOSP H10	1	1.51	1	1	1	1	1	1	1	1
212614_at	no response	MRF2	1	1	1	-1.48	-1.67	1	1	1	1	1
218978_s_at	no response	MSCP	1	1	1	1.78	1	1	1	2.19	1	1.61
221920_s_at	no response	MSCP	1	1	1.53	1.69	1.45	1	1	1	1	1
212096_s_at	no response	MTSG1	1	1	1	-1.81	-1.7	1	1	1	1	1
203027_s_at	no response	MVD	1	1	1	1	3.49	1	1	1	1	1
213906_at	no response	MYBL1	1	1	1.88	1.82	1	1	1	1	1	1
211926_s_at	no response	MYH9	1	1	1	1	1.57	1	1	1	1.42	1
32811_at	no response	MYO1C	1	1	1	1.69	1	1	1	1	1	1
214775_at	no response	N4BP3	1	1	1.92	2	1.96	1	1.84	1	1	1
209272_at	no response	NAB1	1	1	1.79	1.62	1	1	1	1	1	1
211139_s_at	no response	NAB1	1	1	1.54	1	1	1	1	1	1	1
202905_x_at	no response	NBS1	1	1	1	1.52	1.45	1	1	1	1	1
202906_s_at	no response	NBS1	1	1	1	1.55	1.65	1	1	1	1	1
217299_s_at	no response	NBS1	1	1	1	1.65	1.56	1	1	1	1	1
201830_s_at	no response	NET1	1	1	1	1.51	1	1	1	1	1	1
218888_s_at	no response	NETO2	1	1	1	-1.61	-1.71	1	1	1	1	1
200758_s_at	no response	NFE2L1	1	1	1	1	1.41	1	1	1	1	1
204702_s_at	no response	NFE2L3	1	1	1	1.88	2.38	1	1	1.41	1	1
209239_at	no response	NFKB1	1	1	2.1	2.83	1.99	1	1	1	1	1
209636_at	no response	NFKB2	1	1	5.84	9.34	13.06	1	1	1	1	1
201502_s_at	no response	NFKBIA	5.65	13.26	14.08	10.91	9.13	1	1	1	1	1
203304_at	no response	NMA	1	1	1.46	1	1	1	1	1	1	1
203964_at	no response	NMI	1	1	1	1.78	2.08	1	1	1	1	1
204791_at	no response	NR2C1	1	1	1	1	-1.45	1	1	1	1	1
209505_at	no response	NR2F1	1	1	-1.5	-2.12	-1.79	1	1	1	1	1
209120_at	no response	NR2F2	1	1	1	-1.7	-1.74	1	1	1	1	1
215073_s_at	no response	NR2F2	1	1	-1.54	1	-1.68	1	1	1	1	1
214632_at	no response	NRP2	1	1	1	2.02	2.11	1	1	1	1	1
207740_s_at	no response	NUP62	1	1	1	2.2	1.55	1	1	1	1	1
219489_s_at	no response	NXN	1	1	1	1	-1.56	1	1	1	1	1
210443_x_at	no response	OGFR	1	1	1	1	1.44	1	1	1	1.44	1

202073_at	no response	OPTN	1	1	1	2.35	2.24	1	1	1	1	1
202074_s_at	no response	OPTN	1	1	1.58	2.65	3.87	1	1	1	1	1
213568_at	no response	OSR2	1	1	1	1	-1.76	1	1	1	1	1
206825_at	no response	OXTR	1	1	2.04	2.22	1.92	1	1	1	1	1.45
202733_at	no response	P4HA2	1	1	1	1	1.66	1	1	1	1	1
204715_at	no response	PANX1	1	1	1.61	1.92	1.75	1	1	1	1	1
204735_at	no response	PDE4A	1	1	1	1	1.41	1	1	1	1	1
203097_s_at	no response	PDZGEF1	1	1	1	1	-1.41	1	1	1	1	1
212094_at	no response	PEG10	1	1	1	1	-1.47	1	1	1	1	1
218319_at	no response	PELI1	1	1	2.41	2.24	2.18	1	1	1	1	1
220952_s_at	no response	PEPP2	1	1	1	-1.44	-1.48	1	1	1	1	1
221816_s_at	no response	PHF11	1	1	1	1	1.7	1	1	1	1	1
209803_s_at	no response	PHLDA2	1	1	1	1.42	1	1	1	1	1	1
203879_at	no response	PIK3CD	1	1	1.79	2.2	2.35	1	1	1	1	1
211668_s_at	no response	PLAU	1	3.22	3.81	2.87	2.2	1	1	1	1	1
210845_s_at	no response	PLAUR	1	1	1	1	1.54	1	1	1	1	1
203895_at	no response	PLCB4	1	1	1	1.57	2.01	1	1	1	1	1
203896_s_at	no response	PLCB4	1	1	1	1	2.11	1	1	1	1	1.5
217841_s_at	no response	PME-1	1	1	1	1	-1.42	1	1	1	1	1
212230_at	no response	PPAP2B	1	1	1	2.17	1.85	1	1	1	1	1
208510_s_at	no response	PPARG	1	1	1	-1.57	-1.65	1	1	1	1	1
201490_s_at	no response	PPIF	1	1	1	1.74	1.8	1	1	1	1	1
201859_at	no response	PRG1	1	1	1	3.14	2.82	1	1	1	1	1
202545_at	no response	PRKCD	1	1	1	1	1.6	1	1	1	1	1
207401_at	no response	PROX1	1	1	2.81	1	1	1	1	1	2.2	2.06
203089_s_at	no response	PRSS25	1	1	1	1	1.5	1	1	1	1	1
204279_at	no response	PSMB9	1	1	1	1.66	2.1	1	1	1	1	1
207388_s_at	no response	PTGES	1	1	1	1.51	1	1	1	1	1	1.46
210367_s_at	no response	PTGES	1	1	1.46	1.59	1.6	1	1	1	1	1
222167_at	no response	PVRL3	1	1	1	1	-1.43	1	1	1	1	1
203883_s_at	no response	Rab11-FIP2	1	1	1	1	-1.44	1	1	1	1	1
202252_at	no response	RAB13	1	1	1	1	1.64	1	1	1	1	1
212561_at	no response	RAB6IP1	1	1	1.4	1.43	1.58	1	1	1	1	1
207419_s_at	no response	RAC2	1	1	1	1	2.6	1	1	1	1	1
213603_s_at	no response	RAC2	1	1	1	1.7	2.69	1	1	1	1	1

202052_s_at	no response	RAI14	1	1	1	1.87	1.98	1	1	1	1	1
203108_at	no response	RAI3	1	1	1	1	-1.7	1	1	1	1	1
205205_at	no response	RELB	1	1	4.78	7.76	7.5	1	1	1	1	1
202963_at	no response	RFX5	1	1	1	1.68	1.76	1	1	1.48	1	1
203823_at	no response	RGS3	1	1	1.78	1	1	1	1	1	1	1
202975_s_at	no response	RHOBTB3	1	1	1	1	-1.45	1	1	1	1	1
211564_s_at	no response	RIL	1	1	1	2.54	3.08	1	1	1	1	1
209545_s_at	no response	RIPK2	1	1	1.86	1.7	1	1	1	1	1	1.7
213338_at	no response	RIS1	1	1	1	1	1.44	1	1	1	1	1
213194_at	no response	ROBO1	1	1	1	1.6	1.72	1	1	1	1	1
214697_s_at	no response	ROD1	1	1	1	1.55	1	1	1	1	1	1
215495_s_at	no response	SAMD4	1	1	1	1.8	1	1	1	1	1	1
218854_at	no response	SART2	1	1	1	2.01	2.54	1	1	1	1	1
202071_at	no response	SDC4	1	2.2	2.97	4.4	2.97	1	1	1	1	1
202061_s_at	no response	SEL1L	1	1	1	1	1.75	1	1	1	1	1
202062_s_at	no response	SEL1L	1	1	1	1	2.03	1	1	1	1	1
202064_s_at	no response	SEL1L	1	1	1	1	1.81	1	1	1	1	1
201739_at	no response	SGK	1	-1.42	-2.27	-2.58	-2.64	1	1	1	1	1
222258_s_at	no response	SH3BP4	1	1	-1.62	-1.87	1	1	1	1	1	1
204657_s_at	no response	SHB	1	1	1	1.5	1	1	1	1	1	1.43
219229_at	no response	SLC21A11	1	1	1	1.94	1.61	1	1	1	1	1
219911_s_at	no response	SLC21A12	1	1	1	1	1.58	1	1	1	1	1
205896_at	no response	SLC22A4	1	1	1	1	1.69	1	1	1	1	1
218725_at	no response	SLC25A22	1	1	1	1	1.48	1	1	1	1	1
220091_at	no response	SLC2A6	1	1	6.78	5.73	5.34	1	1	1	1	1
212907_at	no response	SLC30A1	1	1	-1.44	1	1	1	1	1	1	1
215811_at	no response	SNCA	1	-1.76	1	1	1	1	1	1	1	1
215223_s_at	no response	SOD2	1	1	1	2.51	2.86	1	1	1	1	1
216841_s_at	no response	SOD2	1	1	1	3.08	3.2	1	1	1	1	1
221477_s_at	no response	SOD2	1	1	1.78	3.04	2.94	1	1	1	1	1
213668_s_at	no response	SOX4	1	1	1.79	1	1	1	1	1	1	1
202935_s_at	no response	SOX9	1	1	1.63	1	1	1	1	1	1	1
202936_s_at	no response	SOX9	1	1	1.46	1	1	1	1	1	1	1
202864_s_at	no response	SP100	1	1	1	1	1.58	1	1	1	1	1
202458_at	no response	SPUVE	1	1	1	1	1.44	1	1	1	1	1
38766_at	no response	SRCAP	1	1	1	1.59	2.05	1	1	1	1	1

202200_s_at	no response	SRPK1	1	1	1	1.41	1.45	1	1	1	1	1
204804_at	no response	SSA1	1	1	1	1.82	1	1	1	1	1	1
203787_at	no response	SSBP2	1	1	1	1	-1.85	1	1	1	1	1.41
217455_s_at	no response	SSTR2	1	1	1	2.37	1	1	1	1	1	1
205542_at	no response	STEAP	1	1	1	1	2.28	1	1	1	1	1
203047_at	no response	STK10	1	1	1	1	1.55	1	1	1	1	1
201079_at	no response	SYNGR2	1	1	1	1	1.83	1	1	1	1	1
207616_s_at	no response	TANK	1	1	1.5	1.7	1.56	1	1	1	1	1
206649_s_at	no response	TFE3	1	1	1	1	1.71	1	1	1	1	1
202509_s_at	no response	TNFAIP2	1	1	4	6.65	1	1	1	1	1	1
202510_s_at	no response	TNFAIP2	1	2.46	5.36	7.86	4.45	1	1	1	1	1
209294_x_at	no response	TNFRSF10 B	1	1	2.01	2.27	1.9	1	1	1	1	1
210405_x_at	no response	TNFRSF10 B	1	1	1.9	2.22	1.99	1	1	1	1	1
203508_at	no response	TNFRSF1B	1	1	1	1.54	1	1	1	1	1	1.45
218856_at	no response	TNFRSF21	1	1	1	-1.8	-1.53	1	1	1	1	1
206467_x_at	no response	TNFRSF6B	1	1	1	1	1.75	1	1	1	1	1
207536_s_at	no response	TNFRSF9	1	1	3.1	3.94	5.23	1	1	1	1.51	1.58
206508_at	no response	TNFSF7	1	1	1	2.3	3.05	1	1	1	1	1
207196_s_at	no response	TNIP1	1	1	2.77	6.64	7.37	1	1	1	1	1
48531_at	no response	TNIP2	1	1	1.5	1	1	1	1	1	1	1.53
204529_s_at	no response	TOX	1	1	1	-1.9	-1.55	1	1	1	1	1
200598_s_at	no response	TRA1	1	1	1	1	1.87	1	1	1	1	1
205599_at	no response	TRAF1	1	1	3.76	5.47	5.76	1	1	1	1	1
208315_x_at	no response	TRAF3	1	1	1	1.89	1	1	1	1	1	1
221571_at	no response	TRAF3	1	1	1.96	2.42	2.39	1	1	1	1	1
217958_at	no response	TRAPPC4	1	1	1	1	-1.41	1	1	1	1	1
204341_at	no response	TRIM16	1	1	1	2.44	2.12	1	1	1.77	1	1
208178_x_at	no response	TRIO	1	1	1	1	1.64	1	1	1	1.5	1
209013_x_at	no response	TRIO	1	1	1	1.45	1	1	1	1	1	1
202734_at	no response	TRIP10	1	1	1.59	1.5	1	1	1	1	1	1
202656_s_at	no response	TRIP-Br2	1	1	1.65	1	1	1	1	1	1	1
202657_s_at	no response	TRIP-Br2	1	1	1.71	1	1	1	1	1	1	1
210389_x_at	no response	TUBD1	1	1	1.64	1	1	1	1	1	1	1
212872_s_at	no response	USP49	1	1	1	1	-1.44	1	1	1	1	1

203241_at	no response	UVRAG	1	1	1	1.43	1	1	1	1	1	1
203868_s_at	no response	VCAM1	1	1	1	1.98	2.21	1	1	1	1	1
204254_s_at	no response	VDR	1	1	1	1.52	1	1	1	1.63	1	1.94
205019_s_at	no response	VIPR1	1	1	1	-1.51	1	1	1	1	1	1
210285_x_at	no response	WTAP	1	1	1	1	1.66	1	1	1	1	1
219779_at	no response	ZFH4	1	1	1	-1.59	-1.46	1	1	1	1	1
201367_s_at	no response	ZFP36L2	1	1	1.82	1	1	1	1	1	1	1
201368_at	no response	ZFP36L2	1	1.4	1.53	1	1	1	1	1	1	1
201369_s_at	no response	ZFP36L2	1	1	1.52	1	1	1	1	1	1	1
212774_at	no response	ZNF238	1	1	-1.62	-1.63	-1.66	1	1	1	1	1
219540_at	no response	ZNF267	1	1	1	1.68	1	1	1	1	1	1
219848_s_at	no response	ZNF432	1	1	-1.43	1	1	1	1	1	1	1