

Table S3.

A. Cell cycle

Value	Gene	Description	UniGene	RefSeq
-1.079	PKMYT1	Protein kinase, membrane associated tyrosine/threonine 1	Hs.77783	
-1.085	CDC7	cell division cycle 7 homolog (<i>S. cerevisiae</i>) (CDC7), mRNA.	Hs.533573	NM_003503
-1.093	CCNE2	cyclin E2 (CCNE2), mRNA.	Hs.567387	NM_057749
-1.094	MCM4	minichromosome maintenance complex component 4 (MCM4), transcript variant 2, mRNA.	Hs.460184	NM_182746
-1.105	BUB1	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) (BUB1), mRNA.	Hs.469649	NM_004336
-1.202	CDC25A	cell division cycle 25 homolog A (<i>S. pombe</i>) (CDC25A), transcript variant 2, mRNA.	Hs.437705	NM_201567
-1.234	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1) (CDKN1B), mRNA.	Hs.238990	NM_004064
-1.240	MCM6	minichromosome maintenance complex component 6 (MCM6), mRNA.	Hs.444118	NM_005915
-1.250	PLK1	polo-like kinase 1 (<i>Drosophila</i>) (PLK1), mRNA.	Hs.592049	NM_005030
-1.312	CDKN2C	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4) (CDKN2C), transcript variant 2, mRNA.	Hs.525324	NM_078626
-1.354	CCNB2	cyclin B2 (CCNB2), mRNA.	Hs.194698	NM_004701
-1.466	MCM3	minichromosome maintenance complex component 3 (MCM3), mRNA.	Hs.179565	NM_002388
-1.542	BUB1B	BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast) (BUB1B), mRNA.	Hs.631699	NM_001211
-1.853	CCNA2	cyclin A2 (CCNA2), mRNA.	Hs.58974	NM_001237
-2.037	CDC2	cell division cycle 2, G1 to S and G2 to M (CDC2), transcript variant 2, mRNA.	Hs.334562	NM_033379

B. Cytokines/Cytokines receptors

Value	Gene	Description	UniGene	RefSeq
-1.144	KITLG	KIT ligand (KITLG), transcript variant b, mRNA.	Hs.1048	NM_000899
-1.163	IL11	interleukin 11 (IL11), mRNA.	Hs.467304	NM_000641
-1.277	TNFSF4	tumor necrosis factor (ligand) superfamily, member 4 (tax-transcriptionally activated glycoprotein 1, 34kDa) (TNFSF4), mRNA.	Hs.181097	NM_003326
-1.360	CCL2	chemokine (C-C motif) ligand 2 (CCL2), mRNA.	Hs.303649	NM_002982
-1.436	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide (PDGFRA), mRNA.	Hs.74615	NM_006206
-1.458	TNFRSF11B	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) (TNFRSF11B), mRNA.	Hs.81791	NM_002546
-1.577	TGFBR1	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa) (TGFBR1), mRNA.	Hs.494622	NM_004612
-1.676	IL1R1	interleukin 1 receptor, type I (IL1R1), mRNA.	Hs.701982	NM_000877

-1.750	TGFBR1	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa) (TGFBR1), mRNA.	Hs.494622	NM_004612
-1.991	TNFRSF19	tumor necrosis factor receptor superfamily, member 19 (TNFRSF19), transcript variant 2, mRNA.	Hs.149168	NM_148957

C. DNA replication

Value	Gene	Description	UniGene	RefSeq
-1.037	POLE	polymerase (DNA directed), epsilon (POLE), mRNA.	Hs.524871	NM_006231
-1.052	RFC2	replication factor C (activator 1) 2, 40kDa (RFC2), transcript variant 2, mRNA.	Hs.647062	NM_002914
-1.094	MCM4	minichromosome maintenance complex component 4 (MCM4), transcript variant 2, mRNA.	Hs.460184	NM_182746
-1.110	RNASEH2B	ribonuclease H2, subunit B (RNASEH2B), mRNA.	Hs.306291	NM_024570
-1.134	POLA1	polymerase (DNA directed), alpha 1 (POLA1), mRNA.	Hs.567319	NM_016937
-1.189	DNA2	DNA replication helicase 2 homolog (yeast) (DNA2), mRNA.	Hs.532446	NM_001080449
-1.240	MCM6	minichromosome maintenance complex component 6 (MCM6), mRNA.	Hs.444118	NM_005915
-1.359	PRIM1	primase, DNA, polypeptide 1 (49kDa) (PRIM1), mRNA.	Hs.534339	NM_000946
-1.438	RFC4	replication factor C (activator 1) 4, 37kDa (RFC4), transcript variant 2, mRNA.	Hs.518475	NM_181573
-1.466	MCM3	minichromosome maintenance complex component 3 (MCM3), mRNA.	Hs.179565	NM_002388