

**TABLE S2: Genes overexpressed in decitabine/TSA treated HMCLs. Five HMCLs were cultured with or without 0.5  $\mu$ M decitabine for 7 days and with or without 0.33  $\mu$ M TSA for the last 24 hours. Gene expression was profiled with Affymetrix U133 plus 2.0 microarray. Genes significantly differentially expressed between control and decitabine + TSA treated cells were identified using SAM supervised paired analysis with a 5% false discovery rate.**

Probeset	Gene	Ratio	Banding	Affymetrix description
<b>Intercellular communication and membrane proteins</b>				
205997_at	ADAM28	27.0	8p21.2	ADAM metallopeptidase domain 28
201952_at	ALCAM	16.4	3q13.1	activated leukocyte cell adhesion molecule
209462_at	APLP1	24.5	19q13.1	amyloid beta (A4) precursor-like protein 1
211404_s_at	APLP2	2.5	11q23-q25	amyloid beta (A4) precursor-like protein 2
205239_at	AREG	24.1	4q13-q21	amphiregulin (schwannoma-derived growth factor)
217767_at	C3	10.1	19p13.3-p13	complement component 3
209906_at	C3AR1	17.9	12p13.31	complement component 3a receptor 1
204103_at	CCL4	3.7	17q12	chemokine (C-C motif) ligand 4
226545_at	CD109	6.3	6q13	CD109 antigen (Gov platelet alloantigens)
216379_x_a	CD24	15.5	6q21	CD24 antigen (small cell lung carcinoma cluster 4 antigen)
229221_at	CD44	3.2	11p13	CD44 antigen (homing function and Indian blood group system)
213958_at	CD6	8.8	11q13	CD6 antigen
203904_x_a	CD82	3.2	11p11.2	CD82 antigen
204440_at	CD83	3.8	6p23	CD83 antigen (activated B lymphocytes; immunoglobulin superfamily)
201005_at	CD9	15.2	12p13.3	CD9 antigen (p24)
201131_s_at	CDH1	107.5	16q22.1	cadherin 1; type 1; E-cadherin (epithelial)
213800_at	CFH	7.9	1q32	complement factor H
221698_s_at	CLEC7A	9.5	12p13.2-p12	C-type lectin domain family 7; member A
1556499_s_c	COL1A1	11.6	17q21.3-q22	collagen; type I; alpha 1
202403_s_at	COL1A2	5.4	7q22.1	collagen; type I; alpha 2
205898_at	CX3CR1	5.2	3p21 3p21.3	chemokine (C-X3-C motif) receptor 1
208779_x_a	DDR1	2.7	6p21.3	discoidin domain receptor family; member 1
226281_at	DNER	15.3	2q36.3	delta-notch-like EGF repeat-containing transmembrane
202668_at	EFNB2	5.2	13q33	ephrin-B2
225078_at	EMP2	7.4	16p13.2	epithelial membrane protein 2
213506_at	F2RL1	158.2	5q13	coagulation factor II (thrombin) receptor-like 1
201579_at	FAT	14.1	4q35	FAT tumor suppressor homolog 1 (Drosophila)
212464_s_at	FN1	79.4	2q34	fibronectin 1
204222_s_at	GLI1	3.2	12q21.1	glioma pathogenesis-related 1 (glioma)
231166_at	GPR155	4.2	2q31.1	G protein-coupled receptor 155
229055_at	GPR68	5.8	14q31	G protein-coupled receptor 68
200696_s_at	GSN	7.6	9q33	gelsolin (amyloidosis; Finnish type)
217478_s_at	HLA-DMA	2.6	6p21.3	major histocompatibility complex; class II; DM alpha
203932_at	HLA-DMB	4.2	6p21.3	major histocompatibility complex; class II; DM beta
211990_at	HLA-DPA1	7.6	6p21.3	major histocompatibility complex; class II; DP alpha 1
201137_s_at	HLA-DPB1	5.5	6p21.3	major histocompatibility complex; class II; DP beta 1
212671_s_at	HLA-DQA1	6.5	6p21.3	major histocompatibility complex; class II; DQ alpha 1
212998_x_a	HLA-DQB1	18.5	6p21.3	major histocompatibility complex; class II; DQ beta 1
208894_at	HLA-DRA	7.9	6p21.3	major histocompatibility complex; class II; DR alpha
215193_x_a	HLA-DRB1	4.1	6p21.3	major histocompatibility complex; class II; DR beta 1
208306_x_a	HLA-DRB5	3.6	6p21.3	Major histocompatibility complex; class II; DR beta 3
217362_x_a	HLA-DRB6	4.4	6p21.3	major histocompatibility complex; class II; DR beta 6 (pseudogene)

219403_s_at	HPSE	5.6	4q21.3	heparanase
210095_s_at	IGFBP3	5.3	7p13-p12	insulin-like growth factor binding protein 3
206172_at	IL13RA2	32.9	Xq13.1-q28	interleukin 13 receptor; alpha 2
203233_at	IL4R	3.5	16p11.2-12.	interleukin 4 receptor
216331_at	ITGA7	5.5	12q13	integrin; alpha 7
207509_s_at	LAIR2	4.9	19q13.4	leukocyte-associated Ig-like receptor 2
205569_at	LAMP3	16.4	3q26.3-q27	lysosomal-associated membrane protein 3
221581_s_at	LAT2	4.3	7q11.23	linker for activation of T cells family; member 2
200923_at	LGALS3BP	18.2	17q25	lectin; galactoside-binding; soluble; 3 binding protein
208933_s_at	LGALS8	14.0	1q42-q43	lectin; galactoside-binding; soluble; 8 (galectin 8)
225060_at	LRP11	40.4	6q25.1	low density lipoprotein receptor-related protein 11
235568_at	MCEMP1	12.3	19p13.2	mast cell-expressed membrane protein 1
210605_s_at	MFGE8	4.5	15q25	milk fat globule-EGF factor 8 protein
212473_s_at	MICAL2	11.3	11p15.3	microtubule associated monooxygenase; calponin and LIM domain containing 2
205959_at	MMP13	221.2	11q22.3	matrix metalloproteinase 13 (collagenase 3)
212509_s_at	MXRA7	15.0	17q25.1	matrix-remodelling associated 7
203413_at	NELL2	6.2	12q13.11-q13.12	NEL-like 2 (chicken)
204105_s_at	NRCAM	3.2	7q31.1-q31.2	neuronal cell adhesion molecule
214617_at	PRF1	36.7	10q22	perforin 1 (pore forming protein)
212646_at	RAFTLIN	3.3	3p25.1-p24.1	raft-linking protein
212158_at	SDC2	26.3	8q22-q23	syndecan 2 (heparan sulfate proteoglycan 1; cell surface-associated; fibroglycan)
202071_at	SDC4	5.3	20q12	syndecan 4 (amphiglycan; ryudocan)
204563_at	SELL	4.1	1q23-q25	selectin L (lymphocyte adhesion molecule 1)
201427_s_at	SEPP1	104.7	5q31	selenoprotein P; plasma; 1
228726_at	SERPINB1	6.1	6p25	Serpin peptidase inhibitor; clade B (ovalbumin); member 1
211474_s_at	SERPINB6	8.2	6p25	serpin peptidase inhibitor; clade B (ovalbumin); member 6
209723_at	SERPINB9	33.2	6p25	serpin peptidase inhibitor; clade B (ovalbumin); member 9
202283_at	SERPINF1	51.0	17p13.1	serpin peptidase inhibitor; clade F (alpha-2 antiplasmin; pigment epithelium derived factor); member 1
205352_at	SERPINI1	8.4	3q26.1	serpin peptidase inhibitor; clade I (neuroserpin); member 1
209848_s_at	SILV	12.6	12q13-q14	silver homolog (mouse)
206310_at	SPINK2	22.3	4q12	serine peptidase inhibitor; Kazal type 2 (acrosin-trypsin inhibitor)
205016_at	TGFA	6.0	2p13	transforming growth factor; alpha
226625_at	TGFBR3	3.9	1p33-p32	Transforming growth factor; beta receptor III (betaglycan; 300kDa)
202085_at	TJP2	4.7	9q13-q21	tight junction protein 2 (zona occludens 2)
218113_at	TMEM2	3.0	9q13-q21	transmembrane protein 2
202688_at	TNFSF10	9.9	3q26	tumor necrosis factor (ligand) superfamily; member 10
207426_s_at	TNFSF4	3.4	1q25	tumor necrosis factor (ligand) superfamily; member 4 (tax-transcriptionally activated glycoprotein 1; 34kDa)=OX40L
206907_at	TNFSF9	7.2	19p13.3	tumor necrosis factor (ligand) superfamily; member 9=4-1BBL
203476_at	TPBG	8.1	6q14-q15	trophoblast glycoprotein
200931_s_at	VCL	3.4	10q22.1-q22.2	vinculin
227530_at	AKAP12	29.7	6q24-q25	A kinase (PRKA) anchor protein (gravin) 12
<b>Signal transduction</b>				
218501_at	ARHGEF3	5.608957	3p21-p13	Rho guanine nucleotide exchange factor (GEF) 3
227915_at	ASB2	4.578824	14q31-q32	ankyrin repeat and SOCS box-containing 2
209682_at	CBLB	2.383455	3q13.11	Cas-Br-M (murine) ecotropic retroviral transforming sequence b
213385_at	CHN2	2.663243	7p15.3	Chimerin (chimaerin) 2
201041_s_at	DUSP1	3.642625	5q34	dual specificity phosphatase 1
221563_at	DUSP10	2.159146	1q41	dual specificity phosphatase 10
207111_at	EMR1	10.911585	19p13.3	egf-like module containing; mucin-like; hormone receptor-like 1

202609_at	EPS8	3.561592	12q13	epidermal growth factor receptor pathway substrate 8
224657_at	ERRFI1	2.538888	1p36.12-36.	ERBB receptor feedback inhibitor 1
226269_at	GDAP1	3.563394	8q21.11	Ganglioside-induced differentiation-associated protein 1
204472_at	GEM	5.296791	8q13-q21	GTP binding protein overexpressed in skeletal muscle
227692_at	GNAI1	4.049495	7q21	guanine nucleotide binding protein (G protein); alpha inhibiting activity polypeptide 1
214022_s_at	IFITM1	5.950642	11p15.5	interferon induced transmembrane protein 1 (9-27)
205227_at	IL1RAP	5.148210	3q28	interleukin 1 receptor accessory protein
231779_at	IRAK2	3.637481	3p25.3	interleukin-1 receptor-associated kinase 2
235252_at	KSR	3.343448	17q11.2	Kinase suppressor of ras
202086_at	MX1	8.533583	21q22.3	myxovirus (influenza virus) resistance 1; interferon-inducible protein p78 (mouse)
223218_s_at	NFKBIZ	6.090429	3p12-q12	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor; zeta
203964_at	NMI	3.625705	2p24.3-q21.	N-myc (and STAT) interactor
225626_at	PAG1	13.847664	8q21.13	phosphoprotein associated with glycosphingolipid microdomains 1
203879_at	PIK3CD	4.546094	1p36.2	phosphoinositide-3-kinase; catalytic; delta polypeptide
201939_at	PLK2	5.166119	5q12.1-q13.	polo-like kinase 2 (Drosophila)
203680_at	PRKAR2B	3.977774	7q22	protein kinase; cAMP-dependent; regulatory; type II; beta
203355_s_at	PSD3	2.951376	8pter-p23.3	pleckstrin and Sec7 domain containing 3
202252_at	RAB13	22.696154	1q21.2	RAB13; member RAS oncogene family
219622_at	RAB20	7.751698	13q34	RAB20; member RAS oncogene family
217764_s_at	RAB31	5.901696	18p11.3	RAB31; member RAS oncogene family
217762_s_at	RAB31	2.898373	18p11.3	RAB31; member RAS oncogene family
212561_at	RAB6IP1	5.066949	11p15.4	RAB6 interacting protein 1
1553185_at	RASEF	2.915433	9q21.32	RAS and EF-hand domain containing
230233_at	RASGEF1B	3.405272	4q21.3	RasGEF domain family; member 1B
225946_at	RASSF8	3.301098	12p12.3	Ras association (RalGDS/AF-6) domain family 8
203485_at	RTN1	8.058881	14q23.1	reticulon 1
34408_at	RTN2	5.087315	19q13.32	reticulon 2
226549_at	SBK1	3.831661	16p11.2	SH3-binding domain kinase 1
209969_s_at	STAT1	6.280993	2q32.2	signal transducer and activator of transcription 1; 91kDa
206118_at	STAT4	8.336130	2q32.2-q32.	signal transducer and activator of transcription 4
202695_s_at	STK17A	3.217840	7p12-p14	serine/threonine kinase 17a (apoptosis-inducing)
220260_at	TBC1D19	4.079907	4p15.2	TBC1 domain family; member 19
213107_at	TNIK	4.944324	3q26.2	TRAF2 and NCK interacting kinase

**Cytoskeleton**

224694_at	ANTXR1	4.313905	2p13.1	anthrax toxin receptor 1
225524_at	ANTXR2	6.4	4q21.21	anthrax toxin receptor 2
212077_at	CALD1	24.821717	7q33	caldesmon 1
212554_at	CAP2	6.797074	6p22.3	CAP; adenylate cyclase-associated protein; 2 (yeast)
224583_at	COTL1	3.240482	16q24.1	coactosin-like 1 (Dictyostelium)
212730_at	DMN	3.619218	15q26.3	desmuslin
225855_at	EPB41L5	3.402565	2q14.2	erythrocyte membrane protein band 4.1 like 5
217892_s_at	EPLIN	2.740133	12q13	epithelial protein lost in neoplasm beta
208614_s_at	FLNB	7.493281	3p14.3	filamin B; beta (actin binding protein 278)
203854_at	IF	3.797042	4q25	I factor (complement)
226968_at	KIF1B	2.620151	1p36.2	kinesin family member 1B
203130_s_at	KIF5C	7.126495	2q23.1	kinesin family member 5C
201596_x_a	KRT18	2.355975	12q13	keratin 18
225540_at	MAP2	23.086531	2q34-q35	Microtubule-associated protein 2
225407_at	MBP	2.908025	18q23	myelin basic protein

201976_s_at	MYO10	4.829546	5p15.1-p14.	myosin X
203215_s_at	MYO6	13.698531	6q13	myosin VI
218678_at	NES	6.572018	1q23.1	nestin
210986_s_at	TPM1	4.199909	15q22.1	tropomyosin 1 (alpha)
204141_at	TUBB2	6.341977	6p25	tubulin; beta 2
<b>Cell cycle</b>				
221555_x_a	CDC14B	3.900705	9q22.33	CDC14 cell division cycle 14 homolog B ( <i>S. cerevisiae</i> )
225685_at	CDC42EP3	2.589167	2p21	CDC42 effector protein (Rho GTPase binding) 3
202284_s_at	CDKN1A	2.895731	6p21.2	cyclin-dependent kinase inhibitor 1A (p21; Cip1)
213348_at	CDKN1C	2.824281	11p15.5	Cyclin-dependent kinase inhibitor 1C (p57; Kip2)
31874_at	GAS2L1	7.043579	22q12.2	growth arrest-specific 2 like 1
1553599_a	SYCP3	22.398095	12q	synaptonemal complex protein 3
<b>Metabolism</b>				
209459_s_at	ABAT	6.501762	16p13.2	4-aminobutyrate aminotransferase
209993_at	ABCB1	12.194827	7q21.1	ATP-binding cassette; sub-family B (MDR/TAP); member 1
209122_at	ADFP	4.590956	9p22.1	adipose differentiation-related protein
226325_at	ADSSL1	27.952493	14q32.33	adenylosuccinate synthase like 1
209160_at	AKR1C3	22.108318	10p15-p14	aldo-keto reductase family 1; member C3 (3-alpha hydroxysteroid dehydrogenase; type II)
201243_s_at	ATP1B1	6.387409	1q24	ATPase; Na <sup>+</sup> /K <sup>+</sup> transporting; beta 1 polypeptide
213106_at	ATP8A1	2.729268	4p14-p12	ATPase; aminophospholipid transporter (APLT); Class I; type 8A; member 1
206633_at	CHRNA1	39.181905	2q24-q32	cholinergic receptor; nicotinic; alpha polypeptide 1 (muscle)
213317_at	CLIC5	4.826641	6p12.1-21.1	Chloride intracellular channel 5
231265_at	COX7B2	54.149220	4p12	cytochrome c oxidase subunit VIIb2
201116_s_at	CPE	13.132689	4q32.3	carboxypeptidase E
202295_s_at	CTSH	3.066515	15q24-q25	cathepsin H
210074_at	CTSL2	4.757641	9q22.2	cathepsin L2
203475_at	CYP19A1	3.882110	15q21.1	cytochrome P450; family 19; subfamily A; polypeptide 1
202436_s_at	CYP1B1	22.756835	2p21	cytochrome P450; family 1; subfamily B; polypeptide 1
228391_at	CYP4V2	3.956945	4q35.1-q35.	cytochrome P450; family 4; subfamily V; polypeptide 2
214079_at	DHRS2	11.0	14q11.2	dehydrogenase/reductase (SDR family) member 2
219532_at	ELOVL4	18.340566	6q14	elongation of very long chain fatty acids (FEN1/Elo2; SUR4/Elo3; yeast)-like 4
209392_at	ENPP2	76.288889	8q24.1	ectonucleotide pyrophosphatase/phosphodiesterase 2 (autotaxin)
202838_at	FUCA1	4.167095	1p34	fucosidase; alpha-L- 1; tissue
211458_s_at	GABARAPL1	25.438711	12p13.2	GABA(A) receptor-associated protein like 1
231577_s_at	GBP1	10.053036	1p22.2	guanylate binding protein 1; interferon-inducible; 67kDa
202748_at	GBP2	3.240931	1p22.2	guanylate binding protein 2; interferon-inducible
223434_at	GBP3	18.225238	1p22.2	guanylate binding protein 3
213343_s_at	GDPD5	7.316093	11q13.4-q13	glycerophosphodiester phosphodiesterase domain containing 5
226160_at	H6PD	2.423553	1p36	hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase)
1552767_a	HS6ST2	8.948535	Xq26.2	heparan sulfate 6-O-sulfotransferase 2
205404_at	HSD11B1	16.843405	1q32-q41	hydroxysteroid (11-beta) dehydrogenase 1
230966_at	IL4I1	4.440531	19q13.3-q13	interleukin 4 induced 1
203710_at	ITPR1	3.389576	3p26-p25	inositol 1;4;5-triphosphate receptor; type 1
204179_at	MB	25.470101	22q13.1	myoglobin
204059_s_at	ME1	2.388811	6q12	malic enzyme 1; NADP(+)-dependent; cytosolic
225782_at	MSRB3	3.277966	12q14.3	methionine sulfoxide reductase B3
214440_at	NAT1	2.488258	8p23.1-p21.	N-acetyltransferase 1 (arylamine N-acetyltransferase)
211685_s_at	NCALD	2.463698	8q22-q23	neurocalcin delta /// neurocalcin delta
210519_s_at	NQO1	2.762966	16q22.1	NAD(P)H dehydrogenase; quinone 1

219369_s_at	OTUB2	2.617270	14q32.13	OTU domain; ubiquitin aldehyde binding 2
202430_s_at	PLSCR1	5.437236	3q23	phospholipid scramblase 1
204286_s_at	PMAIP1	3.809834	18q21.32	phorbol-12-myristate-13-acetate-induced protein 1
206345_s_at	PON1	5.028684	7q21.3	paraoxonase 1
201876_at	PON2	2.918999	7q21.3	paraoxonase 2
202458_at	PRSS23	10.562525	11q14.1	protease; serine; 23
238017_at	RDHE2	48.660833	8q12.1	epidermal retinal dehydrogenase 2
204730_at	RIMS3	2.598560	1pter-p22.2	regulating synaptic membrane exocytosis 3
217983_s_at	RNASET2	2.551558	6q27	ribonuclease T2
242625_at	RSAD2	56.690476	2p25.2	radical S-adenosyl methionine domain containing 2
210592_s_at	SAT	6.446497	Xp22.1	spermidine/spermine N1-acetyltransferase
210432_s_at	SCN3A	3.564081	2q24	sodium channel; voltage-gated; type III; alpha
223391_at	SGPP1	4.615909	14q23.2	sphingosine-1-phosphate phosphatase 1
226728_at	SLC27A1	2.429680	19p13.11	solute carrier family 27 (fatty acid transporter); member 1
216236_s_at	SLC2A14	4.261528	12p13.31	solute carrier family 2 (facilitated glucose transporter); member 14
202497_x_a	SLC2A3	28.133124	12p13.3	solute carrier family 2 (facilitated glucose transporter); member 3
202219_at	SLC6A8	6.261463	Xq28	solute carrier family 6 (neurotransmitter transporter; creatine); member 8
216370_s_at	TKTL1	56.588462	Xq28	transketolase-like 1
223949_at	TMPRSS3	6.809925	21q22.3	transmembrane protease; serine 3
204140_at	TPST1	3.244596	7q11.21	tyrosylprotein sulfotransferase 1
213423_x_a	TUSC3	13.708826	8p22	tumor suppressor candidate 3
219211_at	USP18	30.611842	22q11.21	ubiquitin specific peptidase 18
<b>Protein binding</b>				
206385_s_at	ANK3	14.747972	10q21	ankyrin 3; node of Ranvier (ankyrin G)
208792_s_at	CLU	3.335931	8p21-p12	clusterin (complement lysis inhibitor; SP-40;40; sulfated glycoprotein 2; testosterone-repressed prostate message 2; apolipoprotein J)
203695_s_at	DFNA5	9.246667	7p15	deafness; autosomal dominant 5
200606_at	DSP	2.542454	6p24	desmoplakin
200878_at	EPAS1	3.469289	2p21-p16	endothelial PAS domain protein 1
225328_at	FBXO32	8.358816	8q24.13	F-box protein 32
200799_at	HSPA1A	63.106202	6p21.3	heat shock 70kDa protein 1A
211538_s_at	HSPA2	14.047356	14q24.1	heat shock 70kDa protein 2
228153_at	IBRDC2	5.602239	6p22.3	IBR domain containing 2
201315_x_a	IFITM2	4.948547	11p15.5	interferon induced transmembrane protein 2 (1-8D)
209270_at	LAMB3	12.486905	1q32	laminin; beta 3
203186_s_at	S100A4	13.743718	1q21	S100 calcium binding protein A4 (calcium protein; calvasculin; metastasin; murine placental homolog)
204030_s_at	SCHIP1	3.733547	3q25.32-q25.32	schwannomin interacting protein 1
33323_r_at	SFN	4.709530	1p36.11	stratifin
218404_at	SNX10	3.568290	7p15.2	sorting nexin 10
205573_s_at	SNX7	24.122635	1p21.3	sorting nexin 7
209198_s_at	SYT11	9.746697	1q21.2	synaptotagmin XI
232914_s_at	SYTL2	13.813970	11q14	synaptotagmin-like 2
232692_at	TDRD6	9.182368	6p12.3	tudor domain containing 6
213361_at	TDRD7	3.285387	9q22.33	tudor domain containing 7
228285_at	TDRD9	14.662381	14q32.33	tudor domain containing 9
<b>Cancer testis antigens</b>				
235700_at	CT45-2	30.894326	Xq26.3	cancer/testis antigen CT45-2
214603_at	MAGEA2	30.647547	Xq28	melanoma antigen family A; 2
210437_at	MAGEA9	5.438349	Xq28	melanoma antigen family A; 9
204086_at	PRAME	12.234705	22q11.22	preferentially expressed antigen in melanoma

220922_s_at	SPANXA1	55.224557	Xq27.1	sperm protein associated with the nucleus; X-linked; family member A1
220217_x_a	SPANXC	4.979443	Xq27.1	SPANX family; member C
210394_x_a	SSX4	12.129489	Xp11.23	synovial sarcoma; X breakpoint 4
207281_x_a	VXC	9.556974	Xp22	variable charge; X-linked

**Nuclear proteins and transcription factors**

238825_at	ACRC	9.2	Xq13.1	acidic repeat containing
202672_s_at	ATF3	3.433897	1q32.3	activating transcription factor 3
219870_at	ATF7IP2	2.949508	16p13.13	activating transcription factor 7 interacting protein 2
206588_at	DAZL	138.560000	3p24.3	deleted in azoospermia-like
222793_at	DDX58	9.721345	9p12	DEAD (Asp-Glu-Ala-Asp) box polypeptide 58
201694_s_at	EGR1	3.458304	5q31.1	early growth response 1
205249_at	EGR2	14.772231	10q21.1	early growth response 2 (Krox-20 homolog; Drosophila)
225645_at	EHF	8.076102	11p12	Ets homologous factor
228260_at	ELAVL2	4.008421	9p21	ELAV (embryonic lethal; abnormal vision; Drosophila)-like 2 (Hu antigen B)
210827_s_at	ELF3	3.722221	1q32.2	E74-like factor 3 (ets domain transcription factor; epithelial-specific )
203349_s_at	ETV5	4.666093	3q28	ets variant gene 5 (ets-related molecule)
209603_at	GATA3	5.223190	10p15	GATA binding protein 3
208886_at	H1FO	3.437433	22q13.1	H1 histone family; member 0
214469_at	HIST1H2AE	9.025855	6p22.2-p21.1	histone 1; H2ae
235456_at	HIST1H2BD	7.573230	6p21.3	Histone 1; H2bd
210387_at	HIST1H2BG	6.678659	6p21.3	histone 1; H2bg
211597_s_at	HOP	13.810667	4q11-q12	homeodomain-only protein
208937_s_at	ID1	4.233509	20q11	inhibitor of DNA binding 1; dominant negative helix-loop-helix protein
207826_s_at	ID3	44.662710	1p36.13-p36.13	inhibitor of DNA binding 3; dominant negative helix-loop-helix protein
219209_at	IFIH1	4.127336	2p24.3-q24.3	interferon induced with helicase C domain 1
202597_at	IRF6	7.290339	1q32.3-q41	interferon regulatory factor 6
208436_s_at	IRF7	7.613756	11p15.5	interferon regulatory factor 7
225798_at	JAZF1	2.774329	7p15.2-p15.2	juxtaposed with another zinc finger gene 1
1555420_a	KLF7	2.726338	2q32	Kruppel-like factor 7 (ubiquitous)
236565_s_at	LARP6	5.204811	15q23	La ribonucleoprotein domain family; member 6
221011_s_at	LBH	6.756324	2p23.1	likely ortholog of mouse limb-bud and heart gene
229475_at	MAEL	51.269048	1q24.1	maelstrom homolog (Drosophila)
235457_at	MAML2	4.216371	11q21	mastermind-like 2 (Drosophila)
242794_at	MAML3	6.908394	4q28	mastermind-like 3 (Drosophila)
238430_x_a	MGC19764	3.231570	17q12	likely ortholog of mouse schlafen 5
224917_at	MIRN21	6.356129	---	microRNA 21
226066_at	MITF	2.456457	3p14.2-p14.2	microphthalmia-associated transcription factor
223484_at	NMES1	204.889956	15q21.1	normal mucosa of esophagus specific 1
205552_s_at	OAS1	6.933458	12q24.1	2prime;5prime-oligoadenylate synthetase 1; 40/46kDa
204972_at	OAS2	3.190365	12q24.2	2prime-5prime-oligoadenylate synthetase 2; 69/71kDa
210797_s_at	OASL	3.787145	12q24.2	2prime-5prime-oligoadenylate synthetase-like
218543_s_at	PARP12	9.435608	7q34	poly (ADP-ribose) polymerase family; member 12
224701_at	PARP14	10.538761	3q21.1	poly (ADP-ribose) polymerase family; member 14
223220_s_at	PARP9	12.478231	3q13-q21	poly (ADP-ribose) polymerase family; member 9
204082_at	PBX3	2.156607	9q33-q34	pre-B-cell leukemia transcription factor 3
209598_at	PNMA2	4.163118	8p21.2	paraneoplastic antigen MA2
212636_at	QKI	3.062588	6q26-27	quaking homolog; KH domain RNA binding (mouse)
223394_at	SERTAD1	3.394413	19q13.1-q13.1	SERTA domain containing 1
225123_at	SESN3	10.733899	11q21	Sestrin 3

201416_at	SOX4	6.414401	6p22.3	SRY (sex determining region Y)-box 4
209762_x_a	SP110	5.605817	2q37.1	SP110 nuclear body protein
209306_s_a	SWAP70	3.030550	11p15	SWAP-70 protein
227279_at	TCEAL3	2.585833	Xq22.2	transcription elongation factor A (SII)-like 3
212761_at	TCF7L2	4.552884	10q25.3	transcription factor 7-like 2 (T-cell specific; HMG-box)
203313_s_a	TGIF	4.363964	18p11.3	TGFB-induced factor (TALE family homeobox)
228988_at	ZNF6	3.531261	Xq21.1-q21.	zinc finger protein 6 (CMPX1)

**Apoptosis**

201012_at	ANXA1	10.954555	9q12-q21.2	annexin A1
210538_s_a	BIRC3	7.916351	11q22	baculoviral IAP repeat-containing 3
210026_s_a	CARD10	7.184831	22q13.1	caspase recruitment domain family; member 10
205483_s_a	G1P2	11.921743	1p36.33	interferon; alpha-inducible protein (clone IFI-15K)
204415_at	G1P3	10.413424	1p35	interferon; alpha-inducible protein (clone IFI-6-16)
201631_s_a	IER3	4.433514	6p21.3	immediate early response 3
202411_at	IFI27	9.337262	14q32	interferon; alpha-inducible protein 27
221690_s_a	NALP2	20.432058	19q13.42	NACHT; leucine rich repeat and PYD containing 2
237461_at	NALP7	7.243609	19q13.42	NACHT; leucine rich repeat and PYD containing 7
228617_at	XAF1	26.195583	17p13.1	XIAP associated factor-1

**Others**

1559336_at	---	18.4	---	Homo sapiens; clone IMAGE:4714787
211781_x_a	---	7.5	---	---
222184_at	---	3.1	---	Clone 25015 mRNA sequence
225842_at	---	27.9	---	CDNA clone IMAGE:5531727
226725_at	---	6.1	---	Transcribed locus
227193_at	---	4.1	---	CDNA clone IMAGE:4828750
227290_at	---	2.8	---	CDNA FLJ13598 fis; clone PLACE1009921
227503_at	---	5.8	---	CDNA FLJ43100 fis; clone CTONG2003100
229968_at	---	17.0	---	Transcribed locus
230383_x_a	---	5.9	---	Transcribed locus
230499_at	---	3.7	---	Transcribed locus
230860_at	---	2.9	---	Transcribed locus
234250_at	---	5.1	---	Full-length cDNA clone CS0DJ014YP15 of T cells (Jurkat cell line) Cot 10-normalized of Homo sapiens (human)
235072_s_a	---	8.1	---	Transcribed locus
235276_at	---	18.0	---	---
236856_x_a	---	2.307788	---	CDNA FLJ34374 fis; clone FEBRA2017502
238725_at	---	2.645117	---	Transcribed locus; weakly similar to XP_496299.1 PREDICTED: hypothetical protein LOC148206 [Homo sapiens]
240979_at	---	4.439770	---	---
241262_at	---	2.294786	---	---
241763_s_a	---	7.187800	---	---
241898_at	---	2.757790	---	Transcribed locus; moderately similar to XP_517655.1 PREDICTED: similar to KIAA0825 protein [Pan troglodytes]
212543_at	AIM1	11.338480	6q21	absent in melanoma 1
203404_at	ARMCX2	17.881142	Xq21.33-q22.2	armadillo repeat containing; X-linked 2
225283_at	ARRDC4	4.7	15q26.3	arrestin domain containing 4
212599_at	AUTS2	3.800571	7q11.22	autism susceptibility candidate 2
215440_s_a	BEXL1	10.212129	Xq22.1-q22.	brain expressed X-linked-like 1
212560_at	C11orf32	7.711916	---	chromosome 11 open reading frame 32
221260_s_a	C12orf22	2.981637	12q13.11-q13.12	chromosome 12 open reading frame 22
1559584_a	C16orf54	29.908986	16p11.2	chromosome 16 open reading frame 54
230000_at	C17orf27	2.591506	17q25.3	chromosome 17 open reading frame 27

229973_at	C1orf173	16.834091	1p31.1	chromosome 1 open reading frame 173
210785_s_at	C1orf38	2.853576	1p35.3	chromosome 1 open reading frame 38
238480_at	chromosome 18	5.509256	---	Chromosome 18 open reading frame 50
207030_s_at	CSRP2	7.884553	12q21.1	cysteine and glycine-rich protein 2
219313_at	DKFZp434C032	7.873571	3q13.31	hypothetical protein DKFZp434C0328
226000_at	DKFZp547A023	8.287219	1p13.2	CTTNBP2 N-terminal like
224952_at	DKFZP564D166	2.867678	17q23.3	putative ankyrin-repeat containing protein
225355_at	DKFZP761M151	9.643741	5q35.2	hypothetical protein DKFZP761M1511
235085_at	DKFZp761P042	5.680803	8p23.1	hypothetical protein DKFZp761P0423
203498_at	DSCR1L1	4.332596	6p21.1-p12.	Down syndrome critical region gene 1-like 1
235759_at	EFCBP1	4.162100	8q21.3	EF-hand calcium binding protein 1
227609_at	EPSTI1	6.972805	13q13.3	epithelial stromal interaction 1 (breast)
227410_at	FAM43A	3.512958	3q29	family with sequence similarity 43; member A
228745_at	FLJ13611	3.656912	5q12.3	Hypothetical protein FLJ13611
218986_s_at	FLJ20035	30.135000	4q32.3	hypothetical protein FLJ20035
228423_at	FLJ21159	6.226380	4q32.1	ASAP
228152_s_at	FLJ31033	58.424226	4q32.3	hypothetical protein FLJ31033
230012_at	FLJ34790	7.012810	17p13.1	hypothetical protein FLJ34790
228937_at	FLJ38725	4.903958	13q14.11	hypothetical protein FLJ38725
229559_at	FLJ40125	3.782424	19q13.32	hypothetical protein FLJ40125
214453_s_at	IFI44	46.772836	1p31.1	interferon-induced protein 44
203153_at	IFIT1	66.912766	10q25-q26	interferon-induced protein with tetratricopeptide repeats 1
226757_at	IFIT2	13.898479	10q23-q25	interferon-induced protein with tetratricopeptide repeats 2
229450_at	IFIT3	21.254684	10q24	interferon-induced protein with tetratricopeptide repeats 3
203595_s_at	IFIT5	85.342379	10q23.31	interferon-induced protein with tetratricopeptide repeats 5
235048_at	KIAA0888	3.690458	5q13.3	KIAA0888 protein
200897_s_at	KIAA0992	7.116526	4q32.3	palladin
212906_at	KIAA1201	5.621374	11q24.1	KIAA1201 protein
225525_at	KIAA1671	2.522698	---	KIAA1671 protein
226702_at	LOC129607	26.439604	2p25.2	hypothetical protein LOC129607
241353_s_at	LOC202775	4.194030	7q34	hypothetical LOC202775
239624_at	LOC440885	27.203327	2p11.1	LOC440885
224480_s_at	MGC11324	4.189111	4q21.23	hypothetical protein MGC11324
214696_at	MGC14376	2.859701	17p13.3	hypothetical protein MGC14376
227038_at	MGC26963	4.900348	4q25	hypothetical protein MGC26963
236595_at	MGC4677	19.738590	2p11.2	Hypothetical protein MGC4677
207738_s_at	NCKAP1	3.261131	2q32	NCK-associated protein 1
229963_at	NGFRAP1L1	20.157639	Xq22.1	NGFRAP1-like 1
205380_at	PDZK1	9.319589	1q21	PDZ domain containing 1
212094_at	PEG10	23.895641	7q21	paternally expressed 10
217996_at	PHLDA1	8.634643	12q15	pleckstrin homology-like domain; family A; member 1
225688_s_at	PHLDB2	8.761139	3q13.2	pleckstrin homology-like domain; family B; member 2
231131_at	RP1-32F7.2	49.947646	Xq21.33	hypothetical protein FLJ37659
220167_s_at	TP53TG3	3.335873	16p13	TP53TG3 protein
213293_s_at	TRIM22	11.889325	11p15	tripartite motif-containing 22
227174_at	WDR72	7.028993	15q21.3	WD repeat domain 72
224894_at	YAP1	3.739192	11q13	Yes-associated protein 1; 65kDa
219062_s_at	ZCCHC2	4.717546	18q21.33	zinc finger; CCHC domain containing 2