

## Up-Regulated Transcripts (u133A U133B)

Fold Change	Gene ID	Gene Identifier	Other ID	Gene Title	UG Cluster	LocusLink	Chromosome
94.2	NID1	BF940043	202007_at	Nidogen 1	Hs.356624	4811	1
84.6	LGALS1	NM_002305	201105_at	Lectin, galactoside-binding, soluble, 1	Hs.445351	3956	22
76.1	HGD	NM_000187	205221_at	Homogentisate 1,2-dioxygenase (homogentisate oxidase)	Hs.616526	3081	3
64.8	PPBP	R64130	214146_s_at	Pro-platelet basic protein (chemokine (C-X-C motif) ligand 7)	Hs.2164	5473	4
55.9	ITGB3	M35999	204627_s_at	Integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61)	Hs.218040	3690	17
51.2	F13A1	NM_000129	203305_at	Coagulation factor XIII, A1 polypeptide	Hs.335513	2162	6
44.3	PROS1	NM_000313	207808_s_at	Protein S (alpha)	Hs.64016	5627	3
44.2	LAT	AF036905	209881_s_at	Linker for activation of T cells	Hs.632179	27040	16
37.6	COL6A3	NM_004369	201438_at	Collagen, type VI, alpha 3	Hs.233240	1293	2
34.3	FCGR2C	U90939	210992_x_at	Fc fragment of IgG, low affinity IIc, receptor for (CD32)	Hs.713617	9103	1
33.8	CLCN4	AF052117	214769_at	Chloride channel 4	Hs.495674	1183	X
33.2	TUBB1	NM_030773	208601_s_at	Tubulin, beta 1	Hs.303023	81027	20
29.8	GP5	NM_004488	207926_at	Glycoprotein V (platelet)	Hs.73734	2814	3
29.5	THBS1	AV726673	201109_s_at	Thrombospondin 1	Hs.164226	7057	15
27.8	PCSK6	NM_002570	207414_s_at	Proprotein convertase subtilisin/kexin type 6	Hs.498494	5046	15
26.5	SLC24A3	NM_020689	219090_at	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	Hs.654790	57419	20
26.0	RASGRP3	NM_015376	205801_s_at	RAS guanyl releasing protein 3 (calcium and DAG-regulated)	Hs.143674	25780	2
25.6	RASA3	NM_007368	206221_at	RAS p21 protein activator 3	Hs.593075	22821	13
25.0	CETP	NM_000078	206210_s_at	Cholesteryl ester transfer protein, plasma	Hs.89538	1071	16
22.0	ABCC3	NM_020037	208161_s_at	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	-	8714	-
21.6	SCD	AB032261	200832_s_at	Stearoyl-CoA desaturase (delta-9-desaturase)	Hs.558396	6319	10
21.6	CALD1	AL583520	212077_at	Caldesmon 1	Hs.490203	800	7
20.8	RAB27B	NM_004163	207017_at	RAB27B, member RAS oncogene family	Hs.25318	5874	18
20.4	MYLK	NM_005965	202555_s_at	myosin light chain kinase	-	4638	-
20.1	PF4V1	NM_002620	207815_at	Platelet factor 4 variant 1	Hs.72933	5197	4
19.4	DAAM1	AK021890	216060_s_at	Dishevelled associated activator of morphogenesis 1	Hs.654934	23002	14
19.2	LTBP1	AI986120	202728_s_at	Latent transforming growth factor beta binding protein 1	Hs.713533	4052	2
18.2	GNG11	NM_004126	204115_at	Guanine nucleotide binding protein (G protein), gamma 11	Hs.83381	2791	7
17.9	FYB	AF198052	211795_s_at	FYN binding protein (FYB-120/130)	Hs.370503	2533	5
17.5	PF4	NM_002619	206390_x_at	Platelet factor 4	Hs.81564	5196	4
17.2	ITGA2B	AF098114	216956_s_at	Integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	Hs.411312	3674	17
16.8	IL21R	NM_021798	219971_at	Interleukin 21 receptor	Hs.210546	50615	16
16.8	ARHGAP6	NM_001174	206167_s_at	Rho GTPase activating protein 6	-	395	-
16.6	PBX1	NM_002585	205253_at	Pre-B-cell leukemia homeobox 1	Hs.557097	5087	1
16.2	TTK	NM_003318	204822_at	TTK protein kinase	Hs.169840	7272	6
15.7	SCAMOL	AV704962	209146_at	Transcribed locus	Hs.593050	-	4
15.1	LY6G6D	NM_021246	207457_s_at	Lymphocyte antigen 6 complex, locus G6D	Hs.591792	58530	6
14.5	LRP12	NM_013437	220253_s_at	Low density lipoprotein-related protein 12	Hs.600630	29967	8
13.6	FADS2	NM_004265	202218_s_at	Fatty acid desaturase 2	Hs.502745	9415	11
13.5	CSAR1	NM_001736	220088_at	Complement component 5a receptor 1	Hs.2161	728	19
13.3	RHAG	AF178841	206146_s_at	Rh-associated glycoprotein	Hs.120950	6005	6
13.1	TMEM158	BF062629	213338_at	Transmembrane protein 158	Hs.716411	25907	3
13.1	MPO	J02694	203948_s_at	Myeloperoxidase	Hs.458272	4353	17
12.9	MAOB	NM_000898	204041_at	Monoamine oxidase B	Hs.654473	4129	X
12.6	VDR	NM_000376	204254_s_at	Vitamin D (1,25-dihydroxyvitamin D3) receptor	Hs.524368	7421	12
12.5	EPB49	NM_001978	204505_s_at	Erythrocyte membrane protein band 4.9 (dematin)	Hs.106124	2039	8
12.3	WIPI1	NM_017983	203827_at	WD repeat domain, phosphoinositide interacting 1	Hs.463964	55062	17
12.1	CD9	NM_001769	201005_at	CD9 molecule	Hs.114286	928	12
11.7	GP1BA	NM_000173	207389_at	Glycoprotein Ib (platelet), alpha polypeptide	Hs.1472	2811	17
11.6	NRGN	NM_006176	204081_at	Neurogranin (protein kinase C substrate, RC3)	Hs.524116	4900	11
11.4	SLC4A2	NM_003040	202111_at	Solute carrier family 4, anion exchanger, member 2 (erythrocyte membrane protein band 3)	Hs.647069	6522	7
11.3	PLEKHG3	AI738980	212823_s_at	Pleckstrin homology domain containing, family G (with RhoGef domain) member 3	Hs.509637	26030	14
11.1	RDH11	AF167438	217776_at	Retinol dehydrogenase 11 (all-trans/9-cis/11-cis)	Hs.226007	51109	14
11.0	SAMD14	AL134453	213866_at	Sterile alpha motif domain containing 14	Hs.567769	201191	17

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10.7	CDKN2D	U20498	210240_s_at	Cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	Hs.435051	1032	19
10.6	MED8	BG230758	213126_at	Mediator complex subunit 8	Hs.301756	112950	1
10.4	ITGA6	AV733308	215177_s_at	Integrin, alpha 6	Hs.133397	3655	2
10.1	FADS1	BG165833	208963_x_at	Fatty acid desaturase 1	Hs.503546	3992	11
10.1	NCKAP1	NM_013436	207738_s_at	NCK-associated protein 1	Hs.603732	10787	2
10.1	FLNA	AW051856	213746_s_at	filamin A, alpha (actin binding protein 280)	-	-	-
9.8	CDC2	AL524035	203213_at	Cell division cycle 2, G1 to S and G2 to M	Hs.334562	983	10
9.6	ARPC4	NM_005718	217818_s_at	Actin related protein 2/3 complex, subunit 4, 20kDa	Hs.323342	10093	3
9.5	LSS	AW084510	202245_at	Lanosterol synthase (2,3-oxidosqualene-lanosterol cyclase)	Hs.596543	4047	21
9.2	CENPE	NM_001813	205046_at	Centromere protein E, 312kDa	Hs.75573	1062	4
9.2	FCGR2A	NM_021642	203561_at	Fc fragment of IgG, low affinity IIa, receptor (CD32)	Hs.352642	2212	1
9.2	SQLE	AF098865	209218_at	Squalene epoxidase	Hs.71465	6713	8
9.1	PDLIM5	AK027217	216804_s_at	PDZ and LIM domain 5	Hs.480311	10611	4
9.1	GMPR	NM_006877	204187_at	Guanosine monophosphate reductase	Hs.484741	2766	6
9.1	DUSP7	AI655015	213848_at	MRNA; cDNA DKFzp586F2224 (from clone DKFzp586F2224)	Hs.595184	-	3
9.0	PTGER3	L27489	210831_s_at	Prostaglandin E receptor 3 (subtype EP3)	Hs.445000	5733	1
9.0	TRHDE	NM_013381	219937_at	Thyrotropin-releasing hormone degrading enzyme	Hs.199814	29953	12
9.0	SNAP23	U55936	209131_s_at	Synaptosomal-associated protein, 23kDa	Hs.719238	8773	15
8.9	ME1	NM_002395	204059_s_at	Malic enzyme 1, NADP(+)-dependent, cytosolic	Hs.21160	4199	6
8.8	PDGFB	NM_002608	204200_s_at	Platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene)	Hs.1976	5155	22
8.7	CCRL2	AF015524	211434_s_at	Chemokine (C-C motif) receptor-like 2	Hs.535713	9034	3
8.7	LCN2	NM_005564	212531_at	Lipocalin 2	Hs.204238	3934	9
8.6	IL9R	NM_002186	208164_s_at	Interleukin 9 receptor	Hs.406228	3581	X Y
8.6	FBXO38	NM_024862	219608_s_at	F-box protein 38	-	81545	-
8.5	EHD3	NM_014600	218935_at	EH-domain containing 3	Hs.368808	30845	2
8.4	GBA	D13287	210589_s_at	Glucosidase, beta; acid (includes glucosylceramidase)	Hs.282997	2629	1
8.3	FKBP1B	NM_004116	206857_s_at	FK506 binding protein 1B, 12.6 kDa	Hs.709461	2281	2
8.3	TRPC6	NM_004621	206528_at	Transient receptor potential cation channel, subfamily C, member 6	Hs.159003	7225	11
8.2	CCND1	M73554	208712_at	Cyclin D1	Hs.523852	595	11
8.2	DHCR7	NM_001360	201791_s_at	7-dehydrocholesterol reductase	Hs.503134	1717	11
8.1	PPIF	NM_005729	201490_s_at	Peptidylprolyl isomerase F	Hs.381072	10105	10
8.0	CANT1	AK026161	221732_at	Calcium activated nucleotidase 1	Hs.8859	124583	17
8.0	PRKCA	AF035594	215195_at	Protein kinase C, alpha	Hs.531704	5578	17
8.0	CMAS	NM_018686	218111_s_at	Cytidine monophosphate N-acetylneuraminic acid synthetase	Hs.311346	55907	12
7.9	SNCA	BG260394	204466_s_at	Synuclein, alpha (non A4 component of amyloid precursor)	Hs.21374	6622	4
7.9	-	AU158818	213514_s_at	Transcribed locus	Hs.707083	-	5
7.9	HBG1	NM_000559	204848_x_at	Hemoglobin, gamma A	Hs.712539	3047	11
7.8	COCH	AA669336	205229_s_at	Coagulation factor C homolog, cochlin (Limulus polyphemus)	Hs.21016	1690	14
7.8	ADAM10	AU135154	214895_s_at	ADAM metallopeptidase domain 10	Hs.578508	102	15
7.8	HGD	AI478172	214307_at	Homogentisate 1,2-dioxygenase (homogentisate oxidase)	Hs.616526	3081	3
7.8	ACAT2	BC000408	209608_s_at	Acetyl-Coenzyme A acetyltransferase 2	Hs.571037	39	6
7.8	GFI1B	NM_004188	208501_at	Growth factor independent 1B transcription repressor	Hs.553160	8328	9
7.8	INSIG1	BE300521	201625_s_at	Insulin induced gene 1	Hs.520819	3638	7
7.7	ATP2C1	AF225981	209934_s_at	ATPase, Ca++ transporting, type 2C, member 1	Hs.584884	27032	3
7.7	DCLRE1A	D42045	209804_at	DNA cross-link repair 1A (PSO2 homolog, S. cerevisiae)	Hs.1560	9937	10
7.7	TBC1D9	AI348094	212956_at	TBC1 domain family, member 9 (with GRAM domain)	Hs.480819	23158	4
7.7	SMAD6	NM_005585	207069_s_at	SMAD family member 6	Hs.153863	4091	15
7.7	ACTN1	BC003576	208637_x_at	Actinin, alpha 1	Hs.509765	87	14
7.6	BANK1	NM_017935	219667_s_at	B-cell scaffold protein with ankyrin repeats 1	Hs.480400	55024	4
7.6	HBD	NM_000519	206834_at	Hemoglobin, delta	Hs.699280	3045	11
7.6	MTSS1	NM_014751	203037_s_at	Metastasis suppressor 1	Hs.336994	9788	8
7.6	HEXIM1	AW193511	202814_s_at	Hexamethylene bis-acetamide inducible 1	Hs.716487	10614	17
7.6	GNB5	NM_016194	204000_at	Guanine nucleotide binding protein (G protein), beta 5	Hs.155090	10681	15
7.6	CHST6	NM_021615	221059_s_at	Carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6	Hs.655622	4166	16
7.5	VCL	NM_014000	200931_s_at	Vinculin	Hs.643896	7414	10
7.5	BUB1	AL137654	215509_s_at	budding uninhibited by benzimidazoles 1 homolog (yeast)	-	-	-
7.4	TPM4	AI214061	212481_s_at	Tropomyosin 4	Hs.631618	7171	19

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7.4	IDH1	NM_005896	201193_at	Isocitrate dehydrogenase 1 (NADP+), soluble	Hs.593422	3417	2
7.4	TMEM127	NM_017849	219460_s_at	Transmembrane protein 127	Hs.355708	55654	2
7.3	KAZN	AB028949	213478_at	kazrin	-	23254	-
7.3	ACTBP9	D50604	217211_at	actin, beta pseudogene 9	-	69	-
7.3	DNAUC6	AV729634	204720_s_at	Dnal (Hsp40) homolog, subfamily C, member 6	Hs.647643	9829	1
7.3	CDR2	AL582414	209501_at	Cerebellar degeneration-related protein 2, 62kDa	Hs.513430	1039	16
7.3	SLC30A5	NM_022902	218989_x_at	Solute carrier family 30 (zinc transporter), member 5	Hs.631975	64924	5
7.2	HMGCR	NM_000859	202540_s_at	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	Hs.713530	3156	5
7.2	CDYL	NM_004824	203100_s_at	Chromodomain protein, Y-like	Hs.269092	9425	6
7.2	ZNF407	NM_017757	220835_s_at	Zinc finger protein 407	Hs.536490	55628	18
7.2	ITGB5	NM_002213	201125_s_at	Integrin, beta 5	Hs.536663	3693	3
7.1	HDC	NM_002112	207067_s_at	Histidine decarboxylase	Hs.1481	3067	15
7.1	CD226	NM_006566	207315_at	CD226 molecule	Hs.660130	10666	18
7.1	DHCR24	NM_014762	200862_at	24-dehydrocholesterol reductase	Hs.498727	1718	1
7.1	C16orf53	NM_024516	218300_at	Chromosome 16 open reading frame 53	Hs.702841	79447	16
7.1	F2R	NM_001992	203989_x_at	Coagulation factor II (thrombin) receptor	Hs.482562	2149	5
7.0	SEC24D	NM_014822	202375_at	SEC24 family, member D (S. cerevisiae)	Hs.189641	9871	4
7.0	SLC2A6	NM_017585	220091_at	Solute carrier family 2 (facilitated glucose transporter), member 6	Hs.244378	11182	9
7.0	PRKCD	NM_006254	202545_at	Protein kinase C, delta	Hs.155342	5580	3
7.0	BCL2L1	NM_001191	206665_s_at	BCL2-like 1	Hs.516966	598	20
7.0	IL9RP3	Z84723	217212_s_at	interleukin 9 receptor /// interleukin 9 receptor pseudogene 3	-	-	-
6.9	STAM2	AL133600	209649_at	Signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	Hs.17200	10254	2
6.9	ITSN1	AF114488	209298_s_at	Intersectin 1 (SH3 domain protein)	Hs.160324	6453	21
6.9	XYLT2	NM_022167	219401_at	Xylosyltransferase II	Hs.463416	64132	17
6.7	CTR9	NM_014633	202060_at	Ctr9, Paf1/RNA polymerase II complex component, homolog (S. cerevisiae)	Hs.719124	9646	11
6.7	SEPX1	NM_016332	217977_at	Selenoprotein X, 1	Hs.655346	51734	16
6.7	PLEK	NM_002664	203471_s_at	Pleckstrin	Hs.468840	5341	2
6.7	PRUNE	AF123539	209586_s_at	Prune homolog (Drosophila)	Hs.78524	58497	1
6.6	NFIB	BC001283	209290_s_at	Nuclear factor I/B	Hs.644095	4781	9
6.6	SLC9A1	M81768	209453_at	Solute carrier family 9 (sodium/hydrogen exchanger), member 1	Hs.469116	6548	1
6.6	PECAM1	M37780	208983_s_at	Platelet/endothelial cell adhesion molecule	Hs.514412	5175	17
6.6	PDLIM7	AA086229	214121_x_at	PDZ and LIM domain 7 (enigma)	Hs.533040	9260	5
6.6	DUSP7	X93921	214793_at	Dual specificity phosphatase 7	Hs.591664	1849	3
6.6	NR2F6	BC002669	209262_s_at	Nuclear receptor subfamily 2, group F, member 6	Hs.466148	2063	19
6.6	RTN1	NM_021136	203485_at	Reticulon 1	Hs.368626	6252	14
6.5	PIK3CB	BC003393	212688_at	Phosphoinositide-3-kinase, catalytic, beta polypeptide	Hs.239818	5291	3
6.5	GP9	NM_000174	206883_x_at	Glycoprotein IX (platelet)	Hs.1144	2815	3
6.4	SACM1L	NM_014016	202797_at	SAC1 suppressor of actin mutations 1-like (yeast)	Hs.156509	22908	3
6.4	DNM3	AL136712	209839_at	Dynammin 3	Hs.654775	26052	1
6.4	TWSG1	NM_020648	219201_s_at	Twisted gastrulation homolog 1 (Drosophila)	Hs.514685	57045	18
6.4	MMRN1	NM_007351	205612_at	Multimerin 1	Hs.268107	22915	4
6.4	CTDSPL	BF590317	201905_s_at	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-li	Hs.475963	10217	3
6.4	PPAP2B	AV725664	212230_at	Phosphatidic acid phosphatase type 2B	Hs.715848	8613	1
6.4	OGFRL1	NM_024576	219582_at	Opioid growth factor receptor-like 1	Hs.656091	79627	6
6.3	ENDOD1	AF131747	212573_at	Endonuclease domain containing 1	Hs.167115	23052	11
6.3	CTTN	NM_005231	201059_at	Cortactin	Hs.596164	2017	11
6.2	SLC10A3	NM_019848	204928_s_at	Solute carrier family 10 (sodium/bile acid cotransporter family), member 3	Hs.522826	8273	X
6.2	ASAP2	NM_003887	206414_s_at	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2	Hs.555902	8853	2
6.2	XK	NM_021083	206698_at	X-linked Kx blood group (McLeod syndrome)	Hs.78919	7504	X
6.2	HMGCS1	BG035985	221750_at	Transcribed locus	Hs.602526	-	5
6.2	TOP2A	AL561834	201292_at	Topoisomerase (DNA) II alpha 170kDa	Hs.156346	7153	17
6.1	HMMR	NM_012485	207165_at	Hyaluronan-mediated motility receptor (RHAMM)	Hs.72550	3161	5
6.1	PIGN	NM_012327	219048_at	Phosphatidylinositol glycan anchor biosynthesis, class N	Hs.157031	23556	18
6.1	RNF24	NM_007219	204669_s_at	Ring finger protein 24	Hs.589884	11237	20
6.1	TMEM45A	NM_018004	219410_at	Transmembrane protein 45A	Hs.658956	55076	3
6.0	NMT1	AI570834	201158_at	N-myristoyltransferase 1	Hs.532790	4836	17
6.0	GK	AJ252550	217167_x_at	glycerol kinase	-	-	-

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5.9	MVK	AF217536	215649_s_at	mevalonate kinase	-	4598	-
5.9	ERCC6L	NM_017669	219650_at	Excision repair cross-complementing rodent repair deficiency, complementation group	Hs.47558	54821	X
5.9	CAMK1	NM_003656	204392_at	Calcium/calmodulin-dependent protein kinase I	Hs.434875	8536	3
5.9	UBE2C	NM_007019	202954_at	Ubiquitin-conjugating enzyme E2C	Hs.93002	11065	20
5.8	GTF2A1L	BG434174	213413_at	General transcription factor IIA, 1-like	Hs.44385	11036	2
5.8	HBG2	NM_000184	204419_x_at	Hemoglobin, gamma G	Hs.302145	3048	11
5.8	DLC1	AF026219	210762_s_at	Deleted in liver cancer 1	Hs.134296	10395	8
5.8	LOC391012	AL031737	217210_at	Human DNA sequence from clone 8B22 on chromosome 1p35.1-36.21 Contains gene si	-	-	-
5.8	SLC44A1	AW971205	222364_at	solute carrier family 44, member 1	-	-	-
5.8	YKT6	BE384482	217784_at	YKT6 v-SNARE homolog ( <i>S. cerevisiae</i> )	Hs.520794	10652	7
5.8	TM7SF2	AF096304	210130_s_at	Transmembrane 7 superfamily member 2	Hs.31130	7108	11
5.8	MTAP	AF109294	211363_s_at	methylthioadenosine phosphorylase	-	4507	-
5.8	PTGIR	NM_000960	206187_at	Prostaglandin I2 (prostacyclin) receptor (IP)	Hs.458324	5739	19
5.7	SSX2IP	AU152583	203018_s_at	Synovial sarcoma, X breakpoint 2 interacting protein	Hs.22587	117178	1
5.7	CDH26	AL109928	204554_at	protein phosphatase 1, regulatory (inhibitor) subunit 3D	-	-	-
5.7	AZU1	NM_001700	214575_s_at	Azurocidin 1	Hs.72885	566	19
5.7	GUCY1B3	AF020340	211555_s_at	Guanylate cyclase 1, soluble, beta 3	Hs.77890	2983	4
5.6	DLAT	J03866	211150_s_at	dihydrolipoamide S-acetyltransferase	-	-	-
5.6	PRKAR2B	NM_002736	203680_at	Protein kinase, cAMP-dependent, regulatory, type II, beta	Hs.433068	5577	7
5.6	CDCA8	BC001651	221520_s_at	Cell division cycle associated 8	Hs.524571	55143	1
5.5	FCER1G	NM_004106	204232_at	Fc fragment of IgE, high affinity I, receptor for; gamma polypeptide	Hs.433300	2207	1
5.5	CYP51A1	NM_000786	216607_s_at	cytochrome P450, family 51, pseudogene 2	-	83530	-
5.5	PLK4	AL043646	204886_at	Polo-like kinase 4 ( <i>Drosophila</i> )	Hs.172052	10733	4
5.4	ACLY	U18197	210337_s_at	ATP citrate lyase	Hs.387567	47	17
5.4	BTK	NM_000061	205504_at	Bruton agammaglobulinemia tyrosine kinase	Hs.159494	695	X
5.4	ZNF710	AI246730	213542_at	Zinc finger protein 710	Hs.459311	374655	15
5.4	GATA1	M30601	210446_at	GATA binding protein 1 (globin transcription factor 1)	Hs.765	2623	X
5.4	RAB38	NM_022337	219412_at	RAB38, member RAS oncogene family	Hs.591975	23682	11
5.3	SLC37A1	NM_018964	218928_s_at	Solute carrier family 37 (glycerol-3-phosphate transporter), member 1	Hs.547009	54020	21
5.2	MED18	BC002694	221650_s_at	Mediator complex subunit 18	Hs.479911	54797	1
5.2	DNM1L	NM_012062	203105_s_at	Dynamin 1-like	Hs.556296	10059	12
5.2	PCTP	NM_021213	218676_s_at	Phosphatidylcholine transfer protein	Hs.285218	58488	17
5.2	EXOSC4	NM_019037	218695_at	Exosome component 4	Hs.632041	54512	8
5.2	SELP	NM_003005	206049_at	Selectin P (granule membrane protein 140kDa, antigen CD62)	Hs.73800	6403	1
5.2	WDR1	AF274954	210935_s_at	WD repeat domain 1	Hs.128548	9948	4
5.2	FNBP1L	AW270932	215017_s_at	Transcribed locus	Hs.707310	-	1
5.1	TUBA4A	AL565074	212242_at	Tubulin, alpha 4a	Hs.75318	7277	2
5.1	RAB4B	NM_016154	219807_x_at	RAB4B, member RAS oncogene family	Hs.631539	53916	19
5.1	RRM2	BC001886	209773_s_at	Ribonucleotide reductase M2 polypeptide	Hs.226390	6241	2
5.1	LYZ	AV711904	213975_s_at	lysozyme (renal amyloidosis)	-	-	-
5.1	SLCO3A1	NM_013272	219229_at	Solute carrier organic anion transporter family, member 3A1	Hs.311187	28232	15
5.1	FAM171A1	AU150943	212771_at	Transcribed locus	Hs.708191	-	10
5.1	GOLPH3L	NM_018178	218361_at	Golgi phosphoprotein 3-like	Hs.646007	55204	1
5.1	DENND4A	BE268538	214787_at	DENN/MADD domain containing 4A	Hs.654567	10260	15
5.0	NLK	NM_016231	218318_s_at	Nemo-like kinase	Hs.208759	51701	17
5.0	GALNT10	NM_017540	207357_s_at	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylglucosaminyltransferase 10	Hs.655011	55568	5
5.0	FDPS	NM_002004	201275_at	Farnesyl diphosphate synthase (farnesyl pyrophosphate synthetase, dimethylallyltranstr	Hs.335918	2224	1
5.0	SUV39H2	NM_024670	219262_at	Suppressor of variegation 3-9 homolog 2 ( <i>Drosophila</i> )	Hs.554883	79723	10
5.0	ARHGEF9	AI625739	203263_s_at	Cdc42 guanine nucleotide exchange factor (GEF) 9	Hs.54697	23229	X
5.0	CLU	M25915	208792_s_at	Clusterin	Hs.436657	1191	8
5.0	SC5DL	D85181	211423_s_at	sterol-C5-desaturase (ERG3 delta-5-desaturase homolog, <i>S. cerevisiae</i> )-like	-	6309	-
4.9	STOM	M81635	201061_s_at	stomatin	-	2040	-
4.9	M6PR	AI583537	200900_s_at	Mannose-6-phosphate receptor (cation dependent)	Hs.134084	4074	12
4.9	PADI4	AF229067	211413_s_at	Peptidyl arginine deiminase, type IV	Hs.522969	23569	1
4.9	RG510	AI744627	214000_s_at	Regulator of G-protein signaling 10	Hs.501200	6001	10
4.9	SORT1	BE742268	212797_at	Sortilin 1	Hs.485195	6272	1
4.9	DPY19L1	AB020684	212792_at	Dpy-19-like 1 ( <i>C. elegans</i> )	Hs.408623	23333	7

## Up-Regulated Transcripts (u133A U133B)

4.9	CCNB1	BE407516	214710_s_at	Cyclin B1	Hs.23960	891	5
4.9	CCNA2	AI346350	213226_at	Cyclin A2	Hs.58974	890	4
4.8	ASPM	NM_018123	219918_s_at	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)	-	259266	-
4.8	WSB2	NM_018639	201760_s_at	WD repeat and SOCS box-containing 2	Hs.506985	55884	12
4.8	ISCA1	NM_030940	221425_s_at	Iron-sulfur cluster assembly 1 homolog (S. cerevisiae)	Hs.449291	81689	9
4.8	ZYX	NM_003461	200808_s_at	Zyxin	Hs.490415	7791	7
4.8	ANPEP	NM_001150	202888_s_at	Alanyl (membrane) aminopeptidase	Hs.1239	290	15
4.8	RUFY1	NM_025158	218243_at	RUN and FYVE domain containing 1	Hs.306769	80230	5
4.8	CENPA	NM_001809	204962_s_at	Centromere protein A	Hs.1594	1058	2
4.8	THBD	NM_000361	203888_at	Thrombomodulin	Hs.2030	7056	20
4.8	KIF2A	NM_004520	203087_s_at	Kinesin heavy chain member 2A	Hs.558351	3796	5
4.7	RPL12	AK026491	200088_x_at	ribosomal protein L12			
4.7	RECQL	NM_002907	205091_x_at	RecQ protein-like (DNA helicase Q1-like)	Hs.235069	5965	12
4.7	FADD	NM_003824	202535_at	Fas (TNFRSF6)-associated via death domain	Hs.86131	8772	11
4.7	PLA2G4A	M68874	210145_at	Phospholipase A2, group IVA (cytosolic, calcium-dependent)	Hs.497200	5321	1
4.7	USP18	NM_017414	219211_at	Ubiquitin specific peptidase 18	Hs.38260	11274	22
4.7	SLC33A1	NM_004733	203165_s_at	Solute carrier family 33 (acetyl-CoA transporter), member 1	Hs.478031	9197	3
4.7	TMSB15A	NM_021992	205347_s_at	Thymosin beta 15a	Hs.56145	11013	X
4.7	PION	AK026747	222150_s_at	Pigeon homolog (Drosophila)	Hs.186649	54103	7
4.7	LZHGDDH	NM_024884	220089_at	L-2-hydroxyglutarate dehydrogenase	Hs.256034	79944	14
4.7	FAM98A	AL049943	212333_at	Family with sequence similarity 98, member A	Hs.468140	25940	2
4.7	MGAT2	NM_002408	203102_s_at	Mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase	Hs.93338	4247	14
4.7	TPM1	Z24727	210986_s_at	Tropomyosin 1 (alpha)	Hs.133892	7168	15
4.7	KIF18A	NM_031217	221258_s_at	Kinesin family member 18A	Hs.301052	81930	11
4.6	C18orf1	NM_004338	207996_s_at	Chromosome 18 open reading frame 1	Hs.149363	753	18
4.6	FGR	NM_005248	208438_s_at	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	Hs.1422	2268	1
4.6	FAR2	NM_018099	220615_s_at	Fatty acyl CoA reductase 2	Hs.719237	55711	12
4.6	DIAPH1	AF051782	209190_s_at	Diaphanous homolog 1 (Drosophila)	Hs.529451	1729	5
4.6	FYN	M14333	210105_s_at	FYN oncogene related to SRC, FGR, YES	Hs.390567	2534	6
4.6	VEGFC	U58111	209946_at	Vascular endothelial growth factor C	Hs.435215	7424	4
4.6	NDUFB7	M33374	211407_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7, 18kDa	-	4713	-
4.6	TYROBP	NM_003332	204122_at	TYRO protein tyrosine kinase binding protein	Hs.515369	7305	19
4.6	SHCBP1	NM_024745	219493_at	SHC SH2-domain binding protein 1	Hs.123253	79801	16
4.6	MAX	M64240	210734_x_at	MYC associated factor X	Hs.285354	4149	14
4.5	ATMIN	NM_015251	201855_s_at	ATM interactor	Hs.16349	23300	16
4.5	RTN2	NM_005619	204217_s_at	Reticulon 2	Hs.47517	6253	19
4.5	CD40	BF664114	215346_at	CD40 molecule, TNF receptor superfamily member 5	-	-	-
4.5	CTSA	NM_000308	200661_at	Cathepsin A	Hs.609336	5476	20
4.5	SOS1	AA700167	212780_at	Son of sevenless homolog 1 (Drosophila)	Hs.709893	6654	2
4.5	CORO1C	BC002342	221676_s_at	Coronin, actin binding protein, 1C	Hs.330384	23603	12
4.5	PDHB	AL117618	211023_at	Pyruvate dehydrogenase (lipoamide) beta	Hs.161357	5162	3
4.5	GSTZ1	BC001453	209531_at	Glutathione transferase zeta 1	Hs.655292	2954	14
4.5	TIMP1	NM_003254	201666_at	TIMP metalloproteinase inhibitor 1	Hs.522632	7076	X
4.5	ATP6V0E1	AI862255	200096_s_at	ATPase, H+ transporting, lysosomal 9kDa, V0 subunit e1	Hs.484188	8992	5
4.5	BET1	BC000899	202710_at	Blocked early in transport 1 homolog (S. cerevisiae)	Hs.489132	10282	7
4.5	ILK	NM_004517	201234_at	Integrin-linked kinase	Hs.706355	3611	11
4.5	GSN	BE675337	214040_s_at	Gelsolin (amyloidosis, Finnish type)	Hs.522373	2934	9
4.5	TMBIM1	NM_022152	217730_at	Transmembrane BAX inhibitor motif containing 1	Hs.591605	64114	2
4.5	MEF2C	AL536517	209200_at	Myocyte enhancer factor 2C	Hs.653394	4208	5
4.5	AURKA	NM_003158	208079_s_at	aurora kinase A	-	6790	-
4.5	CLCN3	AI760629	201734_at	Transcribed locus	Hs.670607	-	4
4.5	TREML2	NM_024807	219748_at	Triggering receptor expressed on myeloid cells-like 2	Hs.164777	79865	6
4.4	ACSL3	NM_004457	201661_s_at	Acyl-CoA synthetase long-chain family member 3	Hs.655722	2181	2
4.4	VASP	NM_003370	202205_at	Vasodilator-stimulated phosphoprotein	Hs.515469	7408	19
4.4	C17orf72	AA126728	213620_s_at	Chromosome 17 open reading frame 72	Hs.708161	92340	17
4.4	CPOX	NM_000097	204172_at	Coproporphyrinogen oxidase	Hs.476982	1371	3
4.4	FDFT1	BC003573	210950_s_at	Farnesyl-diphosphate farnesyltransferase 1	Hs.593928	2222	8

## Up-Regulated Transcripts (u133A U133B)

4.4	LIMS1	AL110164	212687_at	LIM and senescent cell antigen-like domains 1	Hs.597715	3987	2
4.4	APBA2	AW571582	209870_s_at	Amyloid beta (A4) precursor protein-binding, family A, member 2	Hs.618112	321	15
4.4	SLC2A3P1	AL565516	221751_at	Solute carrier family 2 (facilitated glucose transporter), member 3 pseudogene 1	Hs.388400	100128062	5
4.4	APOB48R	NM_018690	220023_at	Apolipoprotein B48 receptor	Hs.200333	55911	16
4.3	IVNS1ABP	AB020657	201363_s_at	Influenza virus NS1A binding protein	Hs.497183	10625	1
4.3	SNX4	NM_003794	205329_s_at	Sorting nexin 4	Hs.507243	8723	3
4.3	STXBP2	AB002559	209367_at	Syntaxin binding protein 2	Hs.515104	6813	19
4.3	B3GALT4	AB026730	210205_at	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 4	Hs.534375	8705	6
4.3	SH3BGRL3	NM_031286	221269_s_at	SH3 domain binding glutamic acid-rich protein like 3	Hs.109051	83442	1
4.3	GOLT1B	NM_016072	218193_s_at	Golgi transport 1 homolog B (S. cerevisiae)	Hs.62275	51026	12
4.3	ACTR3	Z78330	213102_at	ARP3 actin-related protein 3 homolog (yeast)	Hs.433512	10096	2
4.3	ELOVL6	NM_024090	204256_at	ELOVL family member 6, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like)	Hs.412939	79071	4
4.2	TAL1	NM_003189	206283_s_at	T-cell acute lymphocytic leukemia 1	Hs.709194	6886	1
4.2	PAFAH1B1	NM_000430	200816_s_at	Platelet-activating factor acetylhydrolase, isoform Ib, subunit 1 (45kDa)	Hs.77318	5048	17
4.2	TTC27	NM_017735	218710_at	Tetratricopeptide repeat domain 27	Hs.468125	55622	2
4.2	NCF4	NM_013416	207677_s_at	Neutrophil cytosolic factor 4, 40kDa	Hs.474781	4689	22
4.2	PRKAR1A	NM_002734	200605_s_at	Protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	Hs.280342	5573	17
4.2	APOBEC3B	NM_004900	206632_s_at	Apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	Hs.226307	9582	22
4.2	PDLIM1	BC000915	208690_s_at	PDZ and LIM domain 1	Hs.368525	9124	10
4.2	COLQ	AF057036	206073_at	Collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase	Hs.146735	8292	3
4.2	RFC5	BG260658	213734_at	Replication factor C (activator 1) 5, 36.5kDa	Hs.506989	5985	12
4.2	AK1	BC001116	202587_s_at	Adenylate kinase 1	Hs.175473	203	9
4.2	GEMIN4	NM_015487	205527_s_at	gem (nuclear organelle) associated protein 4	-	50628	-
4.2	KIAA0746	AB018289	212314_at	KIAA0746 protein	Hs.479384	23231	4
4.2	GCNT1	NM_001490	205505_at	Glucosaminyl (N-acetyl) transferase 1, core 2 (beta-1,6-N-acetylglucosaminyltransferase)	Hs.521568	2650	9
4.2	TADA3L	AK024982	215273_s_at	Transcriptional adaptor 3 (NGG1 homolog, yeast)-like	Hs.386390	10474	3
4.2	C11orf17	NM_020642	219953_s_at	Chromosome 11 open reading frame 17	Hs.131180	56672	11
4.2	CLIC4	NM_013943	201560_at	Chloride intracellular channel 4	Hs.440544	25932	1
4.2	PSTPIP2	NM_024430	219938_s_at	Proline-serine-threonine phosphatase interacting protein 2	Hs.567384	9050	18
4.1	WRB	NM_004627	202749_at	Tryptophan rich basic protein	Hs.198308	7485	21
4.1	TBPL1	NM_004865	208398_s_at	TBP-like 1	Hs.486507	9519	6
4.1	CAP1	NM_006367	200625_s_at	CAP, adenylate cyclase-associated protein 1 (yeast)	Hs.370581	10487	1
4.1	C1orf103	NM_018372	220235_s_at	Chromosome 1 open reading frame 103	Hs.25245	55791	1
4.1	ARFGAP3	NM_007229	201651_s_at	ADP-ribosylation factor GTPase activating protein 3	Hs.162877	26286	22
4.1	CD84	NM_003874	205988_at	CD84 molecule	Hs.398093	8832	1
4.1	MLLT11	BC006471	211071_s_at	Myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); transloc	Hs.75823	10962	1
4.1	CTSC	NM_001814	201487_at	Cathepsin C	Hs.128065	1075	11
4.1	BATF/FLCR2	AC007182	217188_s_at	chromosome 14 open reading frame 1	-	-	-
4.1	PEX3	AB035307	203972_s_at	Peroxisomal biogenesis factor 3	Hs.7277	8504	6
4.1	FMR1	AA830884	215245_x_at	Fragile X mental retardation 1	Hs.103183	2332	X
4.0	TMEM104	NM_017728	220097_s_at	Transmembrane protein 104	Hs.370262	54868	17
4.0	CCND3	NM_001760	201700_at	Cyclin D3	Hs.534307	896	6
4.0	PRKACB	NM_002731	202742_s_at	Protein kinase, cAMP-dependent, catalytic, beta	Hs.487325	5567	1
4.0	MBD1	NM_015845	208595_s_at	Methyl-CpG binding domain protein 1	Hs.405610	4152	18
4.0	DNAJB6	BC002446	209015_s_at	Dnaj (Hsp40) homolog, subfamily B, member 6	Hs.719116	10049	7
4.0	CLPB	AI655698	221845_s_at	ClpB caseinolytic peptidase B homolog (E. coli)	Hs.523877	81570	11
4.0	CSF2RB	AV756141	205159_at	Colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage)	Hs.592192	1439	22
3.9	RPL28	NM_000991	200003_s_at	Ribosomal protein L28			
3.9	DAPP1	NM_014395	219290_x_at	Dual adaptor of phosphotyrosine and 3-phosphoinositides	Hs.436271	27071	4
3.9	SEC23B	BC005032	210293_s_at	Sec23 homolog B (S. cerevisiae)	Hs.369373	10483	20
3.9	NSDHL	BC000245	209279_s_at	NAD(P) dependent steroid dehydrogenase-like	Hs.57698	50814	X
3.9	FUT8	NM_004480	203988_s_at	Fucosyltransferase 8 (alpha 1,6 fucosyltransferase)	Hs.654961	2530	14
3.9	C3AR1	U62027	209906_at	Complement component 3a receptor 1	Hs.591148	719	12
3.9	HERC4	NM_015601	208055_s_at	Hect domain and RLD 4	Hs.51891	26091	10
3.9	SLC48A1	NM_017842	218417_s_at	Solute carrier family 48 (heme transporter), member 1	Hs.438867	55652	12
3.9	C10orf26	AK000161	202808_at	Chromosome 10 open reading frame 26	Hs.500897	54838	10
3.9	SKAP2	AB014486	204361_s_at	Src kinase associated phosphoprotein 2	Hs.200770	8935	7

## Up-Regulated Transcripts (u133A U133B)

3.8	PTPN12	NM_002835	202006_at	Protein tyrosine phosphatase, non-receptor type 12	Hs.61812	5782	7
3.8	E2F	NM_001952	203957_at	E2F transcription factor 6	-	1876	-
3.8	LRRC8B	AU146004	212978_at	Leucine rich repeat containing 8 family, member B	Hs.482017	23507	1
3.8	ICAM2	NM_000873	204683_at	Intercellular adhesion molecule 2	Hs.431460	3384	17
3.8	RIT1	AF084462	209882_at	Ras-like without CAAX 1	Hs.491234	6016	1
3.8	LCP2	AI123251	205269_at	Lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa)	Hs.304475	3937	5
3.8	SRGAP2	AA742261	213329_at	SLIT-ROBO Rho GTPase activating protein 2	Hs.497575	23380	1
3.8	ANP32A	NM_006305	201043_s_at	Acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	Hs.458747	8125	15
3.8	REEP5	BC000232	208873_s_at	Receptor accessory protein 5	Hs.429608	7905	5
3.8	SPARC	NM_003118	200665_s_at	Secreted protein, acidic, cysteine-rich (osteonectin)	Hs.111779	6678	5
3.8	ATP2A3	NM_005173	207522_s_at	ATPase, Ca <sup>++</sup> transporting, ubiquitous	Hs.513870	489	17
3.8	CCDC90A	NM_022102	220094_s_at	coiled-coil domain containing 90A	-	63933	-
3.8	RNGTT	NM_003800	204208_at	RNA guanylyltransferase and 5'-phosphatase	Hs.567378	8732	6
3.8	PTK2	AL037339	208820_at	PTK2 protein tyrosine kinase 2	Hs.395482	5747	8
3.7	SLC35A5	NM_017945	218519_at	Solute carrier family 35, member A5	Hs.237440	55032	3
3.7	TXNDC9	NM_005783	203008_x_at	Thioredoxin domain containing 9	Hs.536122	10190	2
3.7	ADRA2A	AF284095	209869_at	Adrenergic, alpha-2A-, receptor	Hs.249159	150	10
3.7	COX17	NM_005694	203880_at	COX17 cytochrome c oxidase assembly homolog ( <i>S. cerevisiae</i> )	Hs.534383	10063	3
3.7	WFDC1	NM_021197	219478_at	WAP four-disulfide core domain 1	Hs.36688	58189	16
3.7	PPIC	NM_000943	204518_s_at	Peptidylprolyl isomerase C (cyclophilin C)	Hs.110364	5480	5
3.7	HPCAL1	NM_002149	205462_s_at	Hippocalcin-like 1	Hs.580427	3241	2
3.7	VEGFA	AF022375	210512_s_at	Vascular endothelial growth factor A	Hs.73793	7422	6
3.7	LAMTOR1	BC001706	223009_at	Chromosome 11 open reading frame 59			
3.7	RAP1B	NM_015646	200833_s_at	RAP1B, member of RAS oncogene family	Hs.369920	5908	12
3.7	FAM3C	NM_014888	201889_at	Family with sequence similarity 3, member C	Hs.434053	10447	7
3.7	NPTN	NM_017455	202228_s_at	Neuroplastin	Hs.187866	27020	15
3.7	GPR137B	NM_003272	204137_at	G protein-coupled receptor 137B	Hs.498160	7107	1
3.7	INSIG2	AL080184	209566_at	Insulin induced gene 2	Hs.7089	51141	2
3.6	-	AK021614	215753_at	CDNA FLJ11552 fis, clone HEMBA1003021	Hs.635391	-	19
3.6	VWASA	BC001234	210102_at	Von Willebrand factor A domain containing 5A	Hs.152944	4013	11
3.6	GAS5	BG329175	224741_x_at	Centromere protein L			
3.6	MKI67	BF001806	212022_s_at	Antigen identified by monoclonal antibody Ki-67	Hs.80976	4288	10
3.6	MTHFD2L	NM_025001	220346_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2-like	-	-	-
3.6	S100A4	NM_002961	203186_s_at	S100 calcium binding protein A4	Hs.654444	6275	1
3.6	ABCC4	AI948503	203196_at	ATP-binding cassette, sub-family C (CFTR/MRP), member 4	Hs.508423	10257	13
3.6	CALML4	AA886335	221879_at	Calmodulin-like 4	Hs.709550	91860	15
3.6	PSAT1	NM_021154	220892_s_at	Phosphoserine aminotransferase 1	Hs.494261	29968	9
3.6	SSR1	AI016620	200889_s_at	Signal sequence receptor, alpha	Hs.114033	6745	6
3.6	CDC20	NM_001255	202870_s_at	Cell division cycle 20 homolog ( <i>S. cerevisiae</i> )	Hs.524947	991	1
3.6	TNIK	N25621	213109_at	TRAF2 and NCK interacting kinase	Hs.34024	23043	3
3.5	NQO2	NM_000904	203814_s_at	NAD(P)H dehydrogenase, quinone 2	Hs.533050	4835	6
3.5	INPP5A	NM_005539	203006_at	Inositol polyphosphate-5-phosphatase, 40kDa	Hs.523360	3632	10
3.5	SLC25A1	U25147	210010_s_at	Solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1	Hs.719167	6576	22
3.5	MFSD1	NM_022736	218109_s_at	Major facilitator superfamily domain containing 1	Hs.58663	64747	3
3.5	EDEM3	NM_025191	220926_s_at	ER degradation enhancer, mannosidase alpha-like 3	Hs.523811	80267	1
3.5	LRP8	NM_004631	205282_at	Low density lipoprotein receptor-related protein 8, apolipoprotein e receptor	Hs.719248	7804	1
3.5	POLR3K	NM_016310	218866_s_at	Polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	Hs.632223	51728	16
3.5	PKM2	NM_002654	201251_at	Pyruvate kinase, muscle	Hs.534770	5315	15
3.5	EBP	AV702405	213787_s_at	Emopamil binding protein (sterol isomerase)	Hs.30619	10682	X
3.5	STAB1	NM_015136	204150_at	Stabilin 1	Hs.301989	23166	3
3.5	NFE2	L13974	209930_s_at	Nuclear factor (erythroid-derived 2), 45kDa	Hs.75643	4778	12
3.5	CDC2L6	AY028424	211706_s_at	Cell division cycle 2-like 6 (CDK8-like)	Hs.719138	23097	6
3.5	C5orf4	H93077	48031_r_at	Chromosome 5 open reading frame 4	Hs.519694	10826	5
3.5	C14orf1	AL136658	202562_s_at	Chromosome 14 open reading frame 1	Hs.15106	11161	14
3.5	ARHGAP19	AV717623	212738_at	Rho GTPase activating protein 19	Hs.80305	84986	10
3.5	EIF4G3	AI768122	201935_s_at	Eukaryotic translation initiation factor 4 gamma, 3	Hs.467084	8672	1
3.4	FHL2	NM_001450	202949_s_at	Four and a half LIM domains 2	Hs.443687	2274	2

## Up-Regulated Transcripts (u133A U133B)

3.4	HSPA13	AI718418	202557_at	Heat shock protein 70kDa family, member 13	Hs.352341	6782	21
3.4	DHX29	AL079292	212648_at	DEAH (Asp-Glu-Ala-His) box polypeptide 29	Hs.719180	54505	5
3.4	GPR172A	AK021918	222155_s_at	G protein-coupled receptor 172A	Hs.6459	79581	8
3.4	MFAP3L	BE222709	213123_at	microfibrillar-associated protein 3	-	-	-
3.4	NEK2	NM_002497	204641_at	NIMA (never in mitosis gene a)-related kinase 2	Hs.153704	4751	1
3.4	GNAZ	NM_002073	204993_at	Guanine nucleotide binding protein (G protein), alpha z polypeptide	Hs.584760	2781	22
3.4	MDM1	AW664850	213761_at	Mdm1 nuclear protein homolog (mouse)	Hs.655702	56890	12
3.4	TM9SF2	NM_004800	201078_at	Transmembrane 9 superfamily member 2	Hs.654824	9375	13
3.4	HSPC159	AK025603	226188_at	Galectin-related protein			
3.4	CMTM6	NM_017801	217947_at	CKLF-like MARVEL transmembrane domain containing 6	Hs.380627	54918	3
3.4	MYC	NM_002467	202431_s_at	C-myc-P64 mRNA, initiating from promoter P0, (HLmyc3.1) partial cds	Hs.202453	100130526	8
3.4	RPL7AP50	AJ224080	234873_x_at	ribosomal protein L7a pseudogene 50			
3.4	UBE2K	NM_005339	202346_at	Ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast)	Hs.714332	3093	4
3.4	CETN3	BC005383	209662_at	Centrin, EF-hand protein, 3 (CDC31 homolog, yeast)	Hs.591767	1070	5
3.4	ZCCHC6	NM_024617	220933_s_at	Zinc finger, CCHC domain containing 6	Hs.655162	79670	9
3.4	PDE6B	BC000249	210304_at	Phosphodiesterase 6B, cGMP-specific, rod, beta	Hs.654544	5158	4
3.4	FLI1	M93255	210786_s_at	Friend leukemia virus integration 1	Hs.504281	2313	11
3.3	SUCLA2	NM_003850	202930_s_at	Succinate-CoA ligase, ADP-forming, beta subunit	Hs.546323	8803	13
3.3	FMO5	NM_001461	205776_at	Flavin containing monooxygenase 5	Hs.642706	2330	1
3.3	RACGAP1	AU153848	222077_s_at	Rac GTPase activating protein 1	Hs.505469	29127	12
3.3	CKAP2	NM_018204	218252_at	Cytoskeleton associated protein 2	Hs.444028	26586	13
3.3	BUB3	AF047473	209974_s_at	Budding uninhibited by benzimidazoles 3 homolog (yeast)	Hs.418533	9184	10
3.3	AACS	NM_023928	218434_s_at	Acetoacetyl-CoA synthetase	Hs.656073	65985	12
3.3	MRPL17	AK026857	222216_s_at	Mitochondrial ribosomal protein L17	Hs.696199	63875	11
3.3	UBL4A	BE543027	221746_at	Ubiquitin-like 4A	Hs.76480	8266	X
3.3	PBK	NM_018492	219148_at	PDZ binding kinase	Hs.104741	55872	8
3.3	NDC80	NM_006101	204162_at	NDC80 homolog, kinetochore complex component ( <i>S. cerevisiae</i> )	Hs.414407	10403	18
3.3	BUB1B	NM_001211	203755_at	Budding uninhibited by benzimidazoles 1 homolog beta (yeast)	Hs.631699	701	15
3.3	MFAP3L	BC001279	210492_at	Microfibrillar-associated protein 3-like	Hs.593942	9848	4
3.3	DBI	NM_020548	202428_x_at	Diazepam binding inhibitor (GABA receptor modulator, acyl-Coenzyme A binding protein)	Hs.78888	1622	2
3.3	SART3	D63879	209128_s_at	Squamous cell carcinoma antigen recognized by T cells 3	Hs.584842	9733	12
3.3	CDC73	NM_024529	218578_at	Cell division cycle 73, Paf1/RNA polymerase II complex component, homolog ( <i>S. cerevisiae</i> )	Hs.576497	79577	1
3.3	DSCR3	NM_006052	203635_at	Down syndrome critical region gene 3	Hs.369488	10311	21
3.3	C1orf25	NM_030934	220992_s_at	Chromosome 1 open reading frame 25	Hs.107149	81627	1
3.3	MOBK13	AF151853	202918_s_at	MOB1, Mps One Binder kinase activator-like 3 (yeast)	Hs.645458	25843	2
3.3	RECK	NM_021111	205407_at	Reversion-inducing-cysteine-rich protein with kazal motifs	Hs.388918	8434	9
3.3	ATP6V1E1	BC004443	208678_at	ATPase, H+ transporting, lysosomal 31kDa, V1 subunit E1	Hs.517338	529	22
3.3	ZWINT	NM_007057	204026_s_at	ZW10 interactor	Hs.591363	11130	10
3.3	PCDHA6	AF152483	211838_x_at	Protocadherin alpha 6	Hs.199343	56142	5
3.3	PCMT1	NM_005389	205202_at	Protein-L-isoaspartate (D-aspartate) O-methyltransferase	Hs.279257	5110	6
3.3	CD96	NM_005816	206761_at	CD96 molecule	Hs.142023	10225	3
3.3	YIPF6	AL117461	212343_at	Yip1 domain family, member 6	Hs.82719	286451	X
3.3	UNC50	NM_014044	203583_at	Unc-50 homolog ( <i>C. elegans</i> )	Hs.13370	25972	2
3.2	VASH1	NM_014909	203940_s_at	Vasohibin 1	Hs.525479	22846	14
3.2	MAP3K5	D84476	203836_s_at	Mitogen-activated protein kinase kinase kinase 5	Hs.186486	4217	6
3.2	ATP6V1D	AF077614	208898_at	ATPase, H+ transporting, lysosomal 34kDa, V1 subunit D	Hs.272630	51382	14
3.2	LRRFIP2	NM_017724	218364_at	Leucine rich repeat (in FLII) interacting protein 2	Hs.719246	9209	3
3.2	SNX1	AF065484	214531_s_at	Sorting nexin 1	Hs.188634	6642	15
3.2	RBL1/SAMHD1	AL365505	205296_at	retinoblastoma-like 1 (p107)	-	-	-
3.2	PHTF2	AL136883	209780_at	Putative homeodomain transcription factor 2	Hs.203965	57157	7
3.2	DOK1	AF180527	211121_s_at	Docking protein 1, 62kDa (downstream of tyrosine kinase 1)	Hs.103854	1796	2
3.2	GOLGA2	L06147	35436_at	Golgi autoantigen, golgin subfamily a, 2	Hs.155827	2801	9
3.2	ASNS	NM_001673	205047_s_at	Asparagine synthetase	Hs.489207	440	7
3.2	RAB33A	NM_004794	206039_at	RAB33A, member RAS oncogene family	Hs.654356	9363	X
3.2	ATP6V0D1	AL566172	212041_at	ATPase, H+ transporting, lysosomal 38kDa, V0 subunit d1	Hs.106876	9114	16
3.2	KIAA1279	AB033105	212453_at	KIAA1279	Hs.279580	26128	10
3.2	ARHGEF3	NM_019555	218501_at	Rho guanine nucleotide exchange factor (GEF) 3	Hs.476402	50650	3



## Up-Regulated Transcripts (u133A U133B)

3.2	ARPC5	AL516350	211963_s_at	Actin related protein 2/3 complex, subunit 5, 16kDa	Hs.518609	10092	1
3.2	GTSE1	BF305380	204317_at	G-2 and S-phase expressed 1	-	-	-
3.2	RARS	NM_002887	201330_at	Arginyl-tRNA synthetase	Hs.654907	5917	5
3.1	PPP2CB	NM_004156	201375_s_at	Protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform	Hs.491440	5516	8
3.1	C9orf40	NM_017998	218904_s_at	Chromosome 9 open reading frame 40	Hs.532296	55071	9
3.1	DLGAP5	NM_014750	203764_at	Discs, large (Drosophila) homolog-associated protein 5	Hs.77695	9787	14
3.1	CTNS	NM_004937	204925_at	Cystinosis, nephropathic	Hs.187667	1497	17
3.1	GRB10	D86962	209409_at	Growth factor receptor-bound protein 10	Hs.164060	2887	7
3.1	HTR2A	NM_000621	207135_at	5-hydroxytryptamine (serotonin) receptor 2A	Hs.654586	3356	13
3.1	ANXA3	M63310	209369_at	Annexin A3	Hs.480042	306	4
3.1	TMEM41B	N64760	212622_at	Transmembrane protein 41B	Hs.594563	440026	11
3.1	TMEM234/KPNA	AL049795	221912_s_at	coiled-coil domain containing 28B	-	-	-
3.1	FEM1B	AI799061	212367_at	Transcribed locus	Hs.592737	-	15
3.1	ARMC8	NM_015396	203487_s_at	Armadillo repeat containing 8	Hs.719108	25852	3
3.1	SLC16A3	AA853175	217691_x_at	Solute carrier family 16, member 3 (monocarboxylic acid transporter 4)	Hs.500761	9123	17
3.1	TBL1X	AV753028	213400_s_at	Transducin (beta)-like 1X-linked	Hs.495656	6907	X
3.1	RANBP9	NM_005493	202583_s_at	RAN binding protein 9	Hs.708182	10048	6
3.1	DCP2	AV715578	212919_at	DCP2 decapping enzyme homolog (S. cerevisiae)	Hs.443875	167227	5
3.1	CBARA1	AK022697	216903_s_at	Calcium binding atopy-related autoantigen 1	Hs.524367	10367	10
3.1	ROCK2	AL049383	202762_at	Rho-associated, coiled-coil containing protein kinase 2	Hs.591600	9475	2
3.1	WBP5	NM_016303	217975_at	WW domain binding protein 5	Hs.533287	51186	X
3.1	TAX1BP3	AF234997	209154_at	Tax1 (human T-cell leukemia virus type I) binding protein 3	Hs.12956	30851	17
3.1	HS3ST1	BF000296	205465_x_at	Heparan sulfate (glucosamine) 3-O-sulfotransferase 1	Hs.507348	9957	4
3.1	RAB6A	BC002510	210127_at	RAB6A, member RAS oncogene family	Hs.707804	5870	11
3.1	RCAN1	NM_004414	208370_s_at	Regulator of calcineurin 1	Hs.282326	1827	21
3.1	SECISBP2L	D87445	212450_at	SECIS binding protein 2-like	Hs.9997	9728	15
3.1	ID1	BC005247	208881_x_at	Isopentenyl-diphosphate delta isomerase 1	Hs.283652	3422	10
3.1	PCYT1B	NM_004845	206751_s_at	Phosphate cytidyltransferase 1, choline, beta	Hs.660708	9468	X
3.1	STK38	BE048506	202951_at	Serine/threonine kinase 38	Hs.409578	11329	6
3.1	CSTF1	L02547	32723_at	Cleavage stimulation factor, 3' pre-RNA, subunit 1, 50kDa	Hs.172865	1477	20
3.1	MYL12A	NM_006471	201318_s_at	Myosin, light chain 12A, regulatory, non-sarcomeric	Hs.190086	10627	18
3.1	ZFYVE21	NM_024071	219929_s_at	Zinc finger, FYVE domain containing 21	Hs.592322	79038	14
3.1	TADA2L	BC001172	210537_s_at	Transcriptional adaptor 2 (ADA2 homolog, yeast)-like	Hs.500066	6871	17
3.0	LHFP	NM_005780	218656_s_at	Lipoma HMGIC fusion partner	Hs.507798	10186	13
3.0	ELMO2	BC000143	221528_s_at	Engulfment and cell motility 2	Hs.210469	63916	20
3.0	RAB2A	AU158062	208731_at	RAB2A, member RAS oncogene family	Hs.369017	5862	8
3.0	C17orf42	NM_024683	219146_at	Chromosome 17 open reading frame 42	Hs.317340	79736	17
3.0	POP1	D31765	213449_at	Processing of precursor 1, ribonuclease P/MRP subunit (S. cerevisiae)	Hs.252828	10940	8
3.0	CKS1B	NM_001826	201897_s_at	CDC28 protein kinase regulatory subunit 1B	Hs.374378	1163	1
3.0	PLK1	NM_005030	202240_at	Polo-like kinase 1 (Drosophila)	Hs.592049	5347	16
3.0	UGT2B15	U06641	216687_x_at	UDP glucuronosyltransferase 2 family, polypeptide B15	Hs.150207	7366	4
3.0	CDKN3	AF213033	209714_s_at	Cyclin-dependent kinase inhibitor 3	Hs.84113	1033	14
3.0	CD63	NM_001780	200663_at	CD63 molecule	Hs.445570	967	12
3.0	CLTC	NM_004859	200614_at	Clathrin, heavy chain (Hc)	Hs.491351	1213	17
3.0	NET1	NM_005863	201830_s_at	Neuroepithelial cell transforming 1	Hs.25155	10276	10
3.0	GSR	NM_000637	205770_at	Glutathione reductase	Hs.271510	2936	8
3.0	GTPBP2	NM_019096	221050_s_at	GTP binding protein 2	Hs.485449	54676	6
3.0	COQ2	AF091086	213379_at	Coenzyme Q2 homolog, prenyltransferase (yeast)	Hs.144304	27235	4
3.0	GPX1	NM_000581	200736_s_at	Glutathione peroxidase 1	Hs.76686	2876	3
3.0	ZMPSTE24	NM_005857	202939_at	Zinc metalloproteinase (STE24 homolog, S. cerevisiae)	Hs.591501	10269	1
3.0	CRLF3	NM_015986	205474_at	Cytokine receptor-like factor 3	Hs.370168	51379	17
3.0	RPAP3	NM_024604	218842_at	RNA polymerase II associated protein 3	Hs.437855	79657	12
3.0	SGMS1	AI377497	212989_at	Sphingomyelin synthase 1	Hs.654698	259230	10
3.0	MYH9	AI827941	211926_s_at	Myosin, heavy chain 9, non-muscle	Hs.474751	4627	22
3.0	C1GALT1C1	NM_014158	219283_at	C1GALT1-specific chaperone 1	-	29071	-
3.0	EIF4E	AW268640	201435_s_at	Eukaryotic translation initiation factor 4E	Hs.249718	1977	4
3.0	RNF34	NM_025126	219035_s_at	Ring finger protein 34	Hs.292804	80196	12

## Up-Regulated Transcripts (u133A U133B)

3.0	SRP54	NM_003136	203605_at	Signal recognition particle 54kDa	Hs.167535	6729	14
3.0	TBXAS1	NM_030984	208130_s_at	Thromboxane A synthase 1 (platelet)	Hs.520757	6916	7
3.0	GOT1	BC000498	208813_at	Glutamic-oxaloacetic transaminase 1, soluble (aspartate aminotransferase 1)	Hs.500756	2805	10
3.0	DAG1	NM_004393	205417_s_at	Dystroglycan 1 (dystrophin-associated glycoprotein 1)	Hs.76111	1605	3
3.0	NCAPD3	AI796581	212789_at	Non-SMC condensin II complex, subunit D3	Hs.438550	23310	11
3.0	RBX1	NM_014248	218117_at	Ring-box 1	Hs.474949	9978	22
2.9	ECM1	U65932	209365_s_at	Extracellular matrix protein 1	Hs.81071	1893	1
2.9	TGFBR2	D50683	208944_at	transforming growth factor, beta receptor II (70/80kDa)	-	-	-
2.9	PRKACB	AA130247	202741_at	Protein kinase, cAMP-dependent, catalytic, beta	Hs.487325	5567	1
2.9	DAD1	NM_001344	200046_at	Defender against cell death 1	Hs.82890	1603	14
2.9	ARL6IP5	NM_006407	200761_s_at	ADP-ribosylation-like factor 6 interacting protein 5	Hs.716493	10550	3
2.9	SPAG5	NM_006461	203145_at	Sperm associated antigen 5	Hs.514033	10615	17
2.9	MBNL2	BE328496	203640_at	muscleblind-like 2 (Drosophila)	-	-	-
2.9	ORMDL2	NM_014182	218556_at	ORM1-like 2 (S. cerevisiae)	Hs.534450	29095	12
2.9	CCNB2	NM_004701	202705_at	Cyclin B2	Hs.194698	9133	15
2.9	SCAMP2	NM_005697	218143_s_at	Secretory carrier membrane protein 2	Hs.458917	10066	15
2.9	HSD17B4	NM_000414	201413_at	Hydroxysteroid (17-beta) dehydrogenase 4	Hs.406861	3295	5
2.9	SLC22A18	NM_002555	204981_at	Solute carrier family 22, member 18	Hs.50868	5002	11
2.9	ZNF175	NM_007147	205497_at	Zinc finger protein 175	Hs.119014	7728	19
2.9	MIS12	BC000229	221559_s_at	MIS12, MIND kinetochore complex component, homolog (yeast)	Hs.267194	79003	17
2.9	VANGL1	NM_024062	219330_at	vang-like 1 (van gogh, Drosophila)	-	81839	-
2.9	ARF1	NM_004504	218092_s_at	ArfGAP with FG repeats 1	Hs.352962	3267	2
2.9	RASA1	M23612	210621_s_at	RAS p21 protein activator (GTPase activating protein) 1	Hs.664080	5921	5
2.9	RRN3	AL110238	222204_s_at	RRN3 RNA polymerase I transcription factor homolog (S. cerevisiae)	Hs.460078	54700	16
2.9	MRFAP111	AL566962	212199_at	Morf4 family associated protein 1-like 1	Hs.593159	114932	4
2.9	RNF14	AB022663	201824_at	Ring finger protein 14	Hs.483616	9604	5
2.9	RNF141	NM_016422	219104_at	Ring finger protein 141	Hs.44685	50862	11
2.9	HCCS	AI801013	203745_at	Holocytochrome c synthase (cytochrome c heme-lyase)	Hs.211571	3052	X
2.9	NCAPG	NM_022346	218663_at	Non-SMC condensin I complex, subunit G	Hs.567567	64151	4
2.9	PLEKH82	AI983043	201410_at	Pleckstrin homology domain containing, family B (evectins) member 2	Hs.469944	55041	2
2.9	BIRC5	NM_001168	202095_s_at	Baculoviral IAP repeat-containing 5	Hs.514527	332	17
2.9	NCRNA00188	AI826279	225065_x_at	Chromosome 17 open reading frame 45			
2.9	FKBP1B	AF322070	209931_s_at	FK506 binding protein 1B, 12.6 kDa	Hs.709461	2281	2
2.9	SLC7A5	AB018009	201195_s_at	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 5	Hs.513797	8140	16
2.9	C16orf5	NM_013399	218183_at	Chromosome 16 open reading frame 5	Hs.654653	29965	16
2.9	CCDC99	AF269167	221685_s_at	Coiled-coil domain containing 99	Hs.368710	54908	5
2.9	MPP1	NM_002436	202974_at	Membrane protein, palmitoylated 1, 55kDa	Hs.496984	4354	X
2.9	FOXM1	NM_021953	202580_x_at	Forkhead box M1	Hs.239	2305	12
2.9	PELO	NM_015946	218472_s_at	Pelota homolog (Drosophila)	Hs.644352	53918	5
2.8	ITPKB	NM_002221	203723_at	Inositol 1,4,5-trisphosphate 3-kinase B	Hs.528087	3707	1
2.8	ASF1B	NM_018154	218115_at	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	Hs.26516	55723	19
2.8	PDCD10	BC002506	210907_s_at	Programmed cell death 10	Hs.478150	11235	3
2.8	MAD2L1BP	NM_014628	203094_at	MAD2L1 binding protein	Hs.122346	9587	6
2.8	CORO1A	U34690	209083_at	Coronin, actin binding protein, 1A	Hs.415067	11151	16
2.8	ZFAND6	AL136598	221613_s_at	Zinc finger, AN1-type domain 6	Hs.719106	54469	15
2.8	ARF4	AL537042	201096_s_at	ADP-ribosylation factor 4	Hs.695943	378	3
2.8	QKI	AL031781	212636_at	quaking homolog, KH domain RNA binding (mouse)	-	-	-
2.8	CLTA	NM_001833	204050_s_at	Clathrin, light chain (Lca)	Hs.522114	1211	9
2.8	GGH	NM_003878	203560_at	Gamma-glutamyl hydrolase (conjugase, folylpolyglutamylyl hydrolase)	Hs.78619	8836	8
2.8	PFKP	NM_002627	201037_at	Phosphofructokinase, platelet	Hs.26010	5214	10
2.8	HMG20A	NM_018200	218152_at	High-mobility group 20A	Hs.69594	10363	15
2.8	GLRX2	NM_016066	219933_at	Glutaredoxin 2	Hs.458283	51022	1
2.8	PREPL	AW000954	212216_at	Prolyl endopeptidase-like	Hs.719111	9581	2
2.8	ATP6V1A	AF113129	201972_at	ATPase, H+ transporting, lysosomal 70kDa, V1 subunit A	Hs.477155	523	3
2.8	AP2B1	AL567295	200615_s_at	Adaptor-related protein complex 2, beta 1 subunit	Hs.514819	163	17
2.8	RASAL2	NM_004841	219026_s_at	RAS protein activator like 2	Hs.715627	9462	1
2.8	WDR26	NM_025160	218107_at	WD repeat domain 26	Hs.497873	80232	1

## Up-Regulated Transcripts (u133A U133B)

2.8	CD47	Z25521	211075_s_at	CD47 molecule	Hs.446414	961	3
2.8	ACOT9	AF241787	221641_s_at	Acyl-CoA thioesterase 9	Hs.298885	23597	X
2.8	TRIP12	NM_004238	201546_at	Thyroid hormone receptor interactor 12	Hs.591633	9320	2
2.8	VWF	NM_000552	202112_at	Von Willebrand factor	Hs.440848	7450	12
2.8	SNHG6	BG169443	225547_at	Small nucleolar RNA host gene 6 (non-protein coding)			
2.8	SNAP29	NM_004782	218327_s_at	Synaptosomal-associated protein, 29kDa	Hs.108002	9342	22
2.8	TMPO	AW272611	203432_at	Thymopoietin	Hs.655104	-	12
2.8	FERMT2	Z24725	209210_s_at	Fermitin family homolog 2 (Drosophila)	Hs.509343	10979	14
2.8	ARPC1B	NM_005720	201954_at	Actin related protein 2/3 complex, subunit 1B, 41kDa	Hs.489284	10095	7
2.8	SREBF2	BE513151	201247_at	Sterol regulatory element binding transcription factor 2	Hs.443258	6721	22
2.8	FEN1	NM_004111	204768_s_at	Flap structure-specific endonuclease 1	Hs.409065	2237	11
2.8	NCOR1	ABO28970	200854_at	Nuclear receptor co-repressor 1	Hs.462323	9611	17
2.8	C5orf15	NM_020199	203024_s_at	Chromosome 5 open reading frame 15	Hs.716457	56951	5
2.8	NCBP1	BC001450	209520_s_at	Nuclear cap binding protein subunit 1, 80kDa	Hs.595669	4686	9
2.8	FBXW11	BE963245	209455_at	F-box and WD repeat domain containing 11	Hs.484138	23291	5
2.8	ARCN1	NM_001655	201176_s_at	Archain 1	Hs.33642	372	11
2.8	STK39	NM_013233	202786_at	Serine threonine kinase 39 (STE20/SPS1 homolog, yeast)	Hs.276271	27347	2
2.7	ALG11	NM_021645	203614_at	Asparagine-linked glycosylation 11, alpha-1,2-mannosyltransferase homolog (yeast)	Hs.512963	440138	13
2.7	HERC2	NM_004667	217902_s_at	Hect domain and RLD 2	Hs.434890	8924	15
2.7	RAB10	AL136650	222980_at	RAB10, member RAS oncogene family			
2.7	PLEKHF2	NM_024613	218640_s_at	Pleckstrin homology domain containing, family F (with FYVE domain) member 2	Hs.29724	79666	8
2.7	CAPZA1	NM_006135	208374_s_at	Capping protein (actin filament) muscle Z-line, alpha 1	Hs.514934	829	1
2.7	C16orf88	AI652058	213237_at	Chromosome 16 open reading frame 88	Hs.585209	400506	16
2.7	VPS37C	NM_017966	219053_s_at	Vacuolar protein sorting 37 homolog C (S. cerevisiae)	Hs.523715	55048	11
2.7	QPRT	NM_014298	204044_at	Quinolate phosphoribosyltransferase	Hs.513484	23475	16
2.7	SELT	NM_016275	217811_at	Selenoprotein T	Hs.369052	51714	3
2.7	ETF A	NM_000126	201931_at	Electron-transfer-flavoprotein, alpha polypeptide	Hs.39925	2108	15
2.7	RAB4A	BC002438	203581_at	RAB4A, member RAS oncogene family	Hs.296169	5867	1
2.7	CCNF	U17105	204827_s_at	Cyclin F	Hs.1973	899	16
2.7	SHC1	AI091079	214853_s_at	Transcribed locus	Hs.708522	-	1
2.7	TLK1	NM_012290	202606_s_at	Tousled-like kinase 1	Hs.719163	9874	2
2.7	GSTO1	NM_004832	201470_at	Glutathione S-transferase omega 1	Hs.190028	9446	10
2.7	RAB1A	NM_004161	207791_s_at	RAB1A, member RAS oncogene family	Hs.310645	5861	2
2.7	PITPNC1	NM_012417	219155_at	Phosphatidylinositol transfer protein, cytoplasmic 1	Hs.591185	26207	17
2.7	GOLGA4	NM_002078	201567_s_at	Golgi autoantigen, golgin subfamily a, 4	Hs.344151	2803	3
2.7	IL6ST	AL049265	212195_at	Interleukin 6 signal transducer (gp130, oncostatin M receptor)	Hs.532082	3572	5
2.7	TMEM135	AK000684	222209_s_at	Transmembrane protein 135	Hs.188591	65084	11
2.7	ARMET	NM_006010	202655_at	Arginine-rich, mutated in early stage tumors	Hs.436446	7873	3
2.7	DMXL1	NM_005509	203791_at	Dmx-like 1	Hs.181042	1657	5
2.7	C11orf24	AA065185	52164_at	Chromosome 11 open reading frame 24	Hs.303025	53838	11
2.7	PGM1	NM_002633	201968_s_at	Phosphoglucomutase 1	Hs.1869	5236	1
2.7	C7orf42	NM_017994	218008_at	Chromosome 7 open reading frame 42	Hs.488478	55069	7
2.7	YES1	NM_005433	202933_s_at	V-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	Hs.194148	7525	18
2.7	PIP4K2A	BE878277	212829_at	Phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	Hs.57079	5305	10
2.7	UBA6	NM_018227	218340_s_at	Ubiquitin-like modifier activating enzyme 6	Hs.719086	55236	4
2.7	ACVR1	NM_001105	203935_at	Activin A receptor, type I	Hs.470316	90	2
2.7	GTF2E1	NM_005513	205930_at	General transcription factor IIE, polypeptide 1, alpha 56kDa	Hs.445272	2960	3
2.7	INPP1	NM_002194	202794_at	Inositol polyphosphate-1-phosphatase	Hs.32309	3628	2
2.7	CTBP2	N23018	201218_at	C-terminal binding protein 2	Hs.501345	1488	10
2.7	AB1	AF006516	209028_s_at	Abl-interactor 1	Hs.508148	10006	10
2.7	KPNA2	NM_002266	201088_at	Karyopherin alpha 2 (RAG cohort 1, importin alpha 1)	Hs.594238	3838	17
2.7	PSMD11	AF001212	208777_s_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 11	Hs.655396	5717	17
2.7	LEPROTL1	NM_015344	202594_at	Leptin receptor overlapping transcript-like 1	Hs.146585	23484	8
2.7	ATP6AP1	NM_001183	207809_s_at	ATPase, H+ transporting, lysosomal accessory protein 1	Hs.6551	537	X
2.7	ITGB1	BG500301	211945_s_at	integrin, beta 1	Hs.715779	-	10
2.7	UMPS	AL080099	215165_x_at	Uridine monophosphate synthetase	Hs.2057	7372	3
2.7	CBLB	U26710	209682_at	Cas-Br-M (murine) ecotropic retroviral transforming sequence b	Hs.430589	868	3

## Up-Regulated Transcripts (u133A U133B)

2.7	PLCG2	NM_002661	204613_at	Phospholipase C, gamma 2 (phosphatidylinositol-specific)	Hs.413111	5336	16
2.7	PIGF	NM_002643	205078_at	Phosphatidylinositol glycan anchor biosynthesis, class F	Hs.468415	5281	2
2.7	NCRNA00275	AV756131	224915_x_at	Chromosome 20 open reading frame 199			
2.6	UBE2A	NM_003336	201899_s_at	Ubiquitin-conjugating enzyme E2A (RAD6 homolog)	Hs.379466	7319	X
2.6	RCOR1	D31888	212612_at	REST corepressor 1	Hs.510521	23186	14
2.6	HJURP	NM_018410	218726_at	Holliday junction recognition protein	Hs.532968	55355	2
2.6	PRC1	NM_003981	218009_s_at	Protein regulator of cytokinesis 1	Hs.567385	9055	15
2.6	PCYOX1L	NM_024028	218953_s_at	Preylcysteine oxidase 1 like	Hs.644397	78991	5
2.6	SYNRG	AI472320	221937_at	CDNA FLJ34482 fis, clone HLUNG2004067	Hs.594647	-	17
2.6	TRAPPC4	NM_016146	217959_s_at	Trafficking protein particle complex 4	Hs.132760	51399	11
2.6	SLC2A3	AI631159	202497_x_at	Solute carrier family 2 (facilitated glucose transporter), member 3	Hs.419240	6515	12
2.6	CRKL	AK000311	212180_at	V-crk sarcoma virus CT10 oncogene homolog (avian)-like	Hs.592205	1399	22
2.6	CD58	BC005930	211744_s_at	CD58 molecule	Hs.34341	965	1
2.6	TBK1	NM_013254	218520_at	TANK-binding kinase 1	Hs.505874	29110	12
2.6	WARS	NM_004184	200629_at	Tryptophanyl-tRNA synthetase	Hs.497599	7453	14
2.6	MAT2B	NM_013283	217993_s_at	Methionine adenosyltransferase II, beta	Hs.54642	27430	5
2.6	WWP1	AU155187	212637_s_at	WW domain containing E3 ubiquitin protein ligase 1	Hs.655189	11059	8
2.6	HIGD1A	BE739519	221896_s_at	Transcribed locus	Hs.7917	-	3
2.6	PSMD14	NM_005805	212296_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 14	Hs.567410	10213	2
2.6	PRO0461	NM_018992	218474_s_at	Hypothetical LOC652276	Hs.61960	652276	16
2.6	NUSAP1	NM_016359	218039_at	Nucleolar and spindle associated protein 1	Hs.615092	51203	15
2.6	GIGYF2	AL045800	212260_at	GRB10 interacting GYF protein 2	Hs.565319	26058	2
2.6	NCAPG2	NM_017760	219588_s_at	Non-SMC condensin II complex, subunit G2	Hs.18616	54892	7
2.6	CDC5L	AW268817	209055_s_at	CDC5 cell division cycle 5-like (S. pombe)	Hs.485471	988	6
2.6	ITFG1	NM_030790	221449_s_at	Integrin alpha FG-GAP repeat containing 1	Hs.42217	81533	16
2.6	DCXR	NM_016286	217973_at	Dicarbonyl/L-xylulose reductase	Hs.9857	51181	17
2.6	MUDENG	NM_018229	218139_s_at	MU-2/AP1M2 domain containing, death-inducing	Hs.597349	55745	14
2.6	GLA	NM_000169	214430_at	Galactosidase, alpha	Hs.69089	2717	X
2.6	H2AFX	AA760862	212525_s_at	H2A histone family, member X	-	-	-
2.6	TACC3	NM_006342	218308_at	Transforming, acidic coiled-coil containing protein 3	Hs.104019	10460	4
2.6	CHMP5	NM_015961	218085_at	chromatin modifying protein 5	-	51510	-
2.6	CCPG1	AB033080	221511_x_at	Cell cycle progression 1	Hs.285051	9236	15
2.6	RARG	NM_000966	204189_at	Retinoic acid receptor, gamma	Hs.1497	5916	12
2.6	SLC43A3	AI630178	213113_s_at	Solute carrier family 43, member 3	Hs.99962	29015	11
2.6	CALU	NM_001219	200757_s_at	Calumenin	Hs.718425	813	7
2.6	RAB11A	AI215102	200863_s_at	RAB11A, member RAS oncogene family	Hs.321541	8766	15
2.6	PANX1	NM_015368	204715_at	Pannexin 1	Hs.591976	24145	11
2.6	MEF2A	AA142929	212535_at	Myocyte enhancer factor 2A	Hs.268675	4205	15
2.6	PDGFC	NM_016205	218718_at	Platelet derived growth factor C	Hs.570855	56034	4
2.6	TPX2	AF098158	210052_s_at	TPX2, microtubule-associated, homolog (Xenopus laevis)	Hs.719145	22974	20
2.6	NFX1	NM_002504	202585_s_at	Nuclear transcription factor, X-box binding 1	Hs.413074	4799	9
2.5	VDAC3	U90943	208846_s_at	Voltage-dependent anion channel 3	Hs.699301	7419	8
2.5	ATP6V1C1	NM_001695	202874_s_at	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C1	Hs.86905	528	8
2.5	RAB14	AA919115	200927_s_at	RAB14, member RAS oncogene family	Hs.371563	51552	9
2.5	CD2AP	NM_012120	203593_at	CD2-associated protein	Hs.485518	23607	6
2.5	CYB5B	AW235051	201633_s_at	cytochrome b5 type B (outer mitochondrial membrane)	-	-	-
2.5	IGF2BP3	NM_006547	203820_s_at	Insulin-like growth factor 2 mRNA binding protein 3	Hs.700696	10643	7
2.5	TUBA3D	K03460	216323_x_at	tubulin, alpha 3d	-	113457	-
2.5	CAPN1	NM_005186	200752_s_at	Calpain 1, (mu/I) large subunit	Hs.502842	823	11
2.5	CENPF	NM_005196	207828_s_at	centromere protein F, 350/400ka (mitosin)	-	-	-
2.5	LYL1	BC002796	210044_s_at	Lymphoblastic leukemia derived sequence 1	Hs.46446	4066	19
2.5	G3BP1	BG500067	201503_at	Transcribed locus	Hs.718672	-	5
2.5	ESPL1	NM_012291	204817_at	Extra spindle pole bodies homolog 1 (S. cerevisiae)	Hs.153479	9700	12
2.5	KIF2C	U63743	209408_at	Kinesin family member 2C	Hs.69360	11004	1
2.5	RAN	BF112006	200749_at	RAN, member RAS oncogene family	Hs.10842	5901	12
2.5	SMC2	NM_006444	204240_s_at	Structural maintenance of chromosomes 2	Hs.119023	10592	9
2.5	PDI6	AK026926	216640_s_at	protein disulfide isomerase family A, member 6	-	-	-

## Up-Regulated Transcripts (u133A U133B)

2.5	IL4R	NM_000418	203233_at	Interleukin 4 receptor	Hs.513457	3566	16
2.5	CDK2AP2	NM_005851	203252_at	Cyclin-dependent kinase 2 associated protein 2	Hs.523835	10263	11
2.5	PSMD10	NM_002814	219485_s_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 10	Hs.522752	5716	X
2.5	KPNA1	AA652173	202055_at	Karyopherin alpha 1 (importin alpha 5)	Hs.161008	3836	3
2.5	ATP6V1B2	NM_001693	201089_at	ATPase, H+ transporting, lysosomal 56/58kDa, V1 subunit B2	Hs.295917	526	8
2.5	ZNF225	NM_013362	207125_at	Zinc finger protein 225	Hs.279567	7768	19
2.5	SDPR	NM_004657	218711_s_at	Serum deprivation response (phosphatidylserine binding protein)	Hs.26530	8436	2
2.5	STK24	AA586774	208854_s_at	Serine/threonine kinase 24 (STE20 homolog, yeast)	Hs.508514	8428	13
2.5	LASP1	NM_006148	200618_at	LIM and SH3 protein 1, mRNA (cDNA clone IMAGE:3632974)	Hs.548018	100130146	17
2.5	SELPLG	AI741056	209879_at	Selectin P ligand	Hs.591014	6404	12
2.5	P2RX1	U45448	210401_at	Purinergic receptor P2X, ligand-gated ion channel, 1	Hs.41735	5023	17
2.5	GGA2	BC000284	210658_s_at	Golgi associated, gamma adaptin ear containing, ARF binding protein 2	Hs.460336	23062	16
2.5	ELOVL1	NM_016031	218028_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	-	64834	-
2.5	SMC3	AF020043	209259_s_at	Structural maintenance of chromosomes 3	Hs.24485	9126	10
2.5	SNUPN	NM_005701	207438_s_at	Snurportin 1	Hs.21577	10073	15
2.5	ARMC7	NM_024585	219096_at	Armadillo repeat containing 7	Hs.413047	79637	17
2.5	MRPL18	NM_014161	217907_at	Mitochondrial ribosomal protein L18	Hs.416998	29074	6
2.5	G3BP2	AB014560	208841_s_at	GTPase activating protein (SH3 domain) binding protein 2	Hs.303676	9908	4
2.5	MKRN1	NM_013446	201285_at	Makorin ring finger protein 1	Hs.490347	23608	7
2.5	CSTB	NM_000100	201201_at	Cystatin B (stefin B)	Hs.695	1476	21
2.5	SH3GLB1	AF263293	209091_s_at	SH3-domain GRB2-like endophilin B1	Hs.136309	51100	1
2.5	CSE1L	AF053640	210766_s_at	CSE1 chromosome segregation 1-like (yeast)	-	1434	-
2.5	MAPRE2	NM_014268	202501_at	Microtubule-associated protein, RP/EB family, member 2	Hs.532824	10982	18
2.5	MED6	AF074723	210104_at	Mediator complex subunit 6	Hs.497353	10001	14
2.5	DYNLL1	NM_003746	200703_at	Dynein, light chain, LC8-type 1	Hs.5120	8655	12
2.5	UBA3	AL117566	209115_at	Ubiquitin-like modifier activating enzyme 3	Hs.154320	9039	3
2.5	NINJ2	NM_016533	219594_at	Ninjurin 2	Hs.656450	4815	12
2.4	TMEM168	NM_022484	218962_s_at	Transmembrane protein 168	Hs.709689	64418	7
2.4	COP54	NM_016129	218042_at	COP9 constitutive photomorphogenic homolog subunit 4 (Arabidopsis)	Hs.190384	51138	4
2.4	AMACR	AF047020	209426_s_at	Alpha-methylacyl-CoA racemase	Hs.508343	23600	5
2.4	ABHD4	NM_022060	218581_at	Abhydrolase domain containing 4	Hs.445665	63874	14
2.4	KIF20A	NM_005733	218755_at	Kinesin family member 20A	Hs.718626	10112	5
2.4	ZMYND8	BC001004	209049_s_at	zinc finger, MYND-type containing 8	-	23613	-
2.4	SERPINE2	AL541302	212190_at	Serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2	Hs.38449	5270	2
2.4	CLASP2	AI741784	212306_at	Cytoplasmic linker associated protein 2	Hs.108614	23122	3
2.4	EIF4G1	AF104913	208625_s_at	Eukaryotic translation initiation factor 4 gamma, 1	Hs.433750	1981	3
2.4	FAM162A	NM_014367	220942_x_at	Family with sequence similarity 162, member A	Hs.584881	26355	3
2.4	ARL8B	NM_018184	217852_s_at	ADP-ribosylation factor-like 8B	Hs.719100	55207	3
2.4	RCHY1	AI096477	212749_s_at	Ring finger and CHY zinc finger domain containing 1	Hs.48297	25898	4
2.4	UBE2L3	AI819709	200684_s_at	Ubiquitin-conjugating enzyme E2L 3	Hs.108104	7332	22
2.4	ITPR1	NM_002222	203710_at	Inositol 1,4,5-triphosphate receptor, type 1	Hs.567295	3708	3
2.4	RALB	BG169673	202100_at	V-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	Hs.469820	5899	2
2.4	DCN	NM_001920	201894_s_at	Decorin	Hs.718429	1634	12
2.4	MORC2	NM_014941	203956_at	MORC family CW-type zinc finger 2	Hs.555918	22880	22
2.4	PHKB	BG149218	202738_s_at	Phosphorylase kinase, beta	Hs.78060	5257	16
2.4	PPP2R5C	NM_002719	201877_s_at	Protein phosphatase 2, regulatory subunit B', gamma isoform	Hs.368264	5527	14
2.4	STAU2	NM_014393	204226_at	Staufen, RNA binding protein, homolog 2 (Drosophila)	Hs.561815	27067	8
2.4	CDKN1B	BC001971	209112_at	Cyclin-dependent kinase inhibitor 1B (p27, Kip1)	Hs.238990	1027	12
2.4	PIIB	NM_000942	200968_s_at	Peptidylprolyl isomerase B (cyclophilin B)	Hs.434937	5479	15
2.4	CCL21	NM_002989	204606_at	Chemokine (C-C motif) ligand 21	Hs.57907	6366	9
2.4	PSMC4	NM_006503	201252_at	Proteasome (prosome, macropain) 26S subunit, ATPase, 4	Hs.211594	5704	19
2.4	PGAM1	NM_002629	200886_s_at	Phosphoglycerate mutase 1 (brain)	Hs.632918	5223	10
2.4	PRKCB	NM_002738	207957_s_at	Protein kinase C, beta	Hs.460355	5579	16
2.4	KIF4A	NM_012310	218355_at	Kinesin family member 4A	Hs.648326	24137	X
2.4	GNS	AW167793	212335_at	Glucosamine (N-acetyl)-6-sulfatase	Hs.334534	2799	12
2.4	EIF2AK3	NM_004836	218696_at	Eukaryotic translation initiation factor 2-alpha kinase 3	Hs.591589	9451	2
2.4	RNF111	NM_017610	218761_at	Ring finger protein 111	Hs.404423	54778	15

## Up-Regulated Transcripts (u133A U133B)

2.4	PDIA5	NM_006810	203857_s_at	Protein disulfide isomerase family A, member 5	Hs.477352	10954	3
2.4	NCRNA00081	AV706096	213220_at	Non-protein coding RNA 81	Hs.232543	92482	10
2.4	C15orf39	NM_015492	204495_s_at	Chromosome 15 open reading frame 39	Hs.17936	56905	15
2.4	EFHC2	NM_025184	220591_s_at	EF-hand domain (C-terminal) containing 2	Hs.521953	80258	X
2.4	MGAT4B	NM_014275	220189_s_at	Mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme	Hs.567419	11282	5
2.4	COPB1	NM_016451	201359_at	Coatomer protein complex, subunit beta 1	Hs.339278	1315	11
2.4	PDXK	NM_003681	202671_s_at	Pyridoxal (pyridoxine, vitamin B6) kinase	Hs.284491	8566	21
2.4	MLX	BF056105	217909_s_at	MAX-like protein X	Hs.714749	6945	17
2.4	TMCO1	AB020980	208716_s_at	Transmembrane and coiled-coil domains 1	Hs.31498	54499	1
2.4	AASDHPPT	AF302110	202169_s_at	Aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	Hs.524009	60496	11
2.4	TMEM8	AI636233	221882_s_at	Transmembrane protein 8 (five membrane-spanning domains)	Hs.288940	58986	16
2.4	GYG1	AF087942	211275_s_at	Glycogenin 1	Hs.477892	2992	3
2.4	EFR3A	AA805651	212150_at	EFR3 homolog A ( <i>S. cerevisiae</i> )	Hs.204564	23167	8
2.4	IKBK	AF091453	209929_s_at	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	Hs.43505	8517	X
2.3	C15orf24	NM_020154	217898_at	Chromosome 15 open reading frame 24	Hs.160565	56851	15
2.3	ALAS1	NM_000688	205633_s_at	Aminolevulinate, delta-, synthase 1	Hs.476308	211	3
2.3	DSTN	BF697964	201021_s_at	Dextrin (actin depolymerizing factor)	Hs.304192	11034	20
2.3	SMAD5	AF010601	205187_at	SMAD family member 5	Hs.167700	4090	5
2.3	RPS6KC1	NM_012424	218909_at	Ribosomal protein S6 kinase, 52kDa, polypeptide 1	Hs.591416	26750	1
2.3	FAM129A	AF288391	217967_s_at	Family with sequence similarity 129, member A	Hs.518662	116496	1
2.3	KIF18B	AA292789	222039_at	Kinesin family member 18B	Hs.135094	146909	17
2.3	SEP15	NM_004261	200902_at	15 kDa selenoprotein	Hs.362728	9403	1
2.3	ATOX1	NM_004045	203454_s_at	ATOX1 antioxidant protein 1 homolog (yeast)	Hs.125213	475	5
2.3	RAC1	BG292367	208640_at	Transcribed locus, weakly similar to XP_001065903.1 PREDICTED: hypothetical protein	Hs.705664	-	7
2.3	RAB32	NM_006834	204214_s_at	RAB32, member RAS oncogene family	Hs.287714	10981	6
2.3	UCRC	NM_013387	218190_s_at	Ubiquinol-cytochrome c reductase complex (7.2 kD)	Hs.284292	29796	22
2.3	C3orf63	N38985	209285_s_at	Chromosome 3 open reading frame 63	Hs.116877	23272	3
2.3	BAG5	NM_004873	202985_s_at	BCL2-associated athanogene 5	Hs.5443	9529	14
2.3	SKP2	NM_005983	203626_s_at	S-phase kinase-associated protein 2 (p45)	Hs.23348	6502	5
2.3	CUL1	NM_003592	207614_s_at	Cullin 1	Hs.146806	8454	7
2.3	PSMD7	NM_002811	201705_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	Hs.440604	5713	16
2.3	NARS	NM_004539	200027_at	Asparaginyl-tRNA synthetase	Hs.465224	4677	18
2.3	DYNC1I2	AF250307	211684_s_at	Dynein, cytoplasmic 1, intermediate chain 2	Hs.546250	1781	2
2.3	SULT1A1	NM_001055	203615_x_at	Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1	Hs.567342	6817	16
2.3	ANGPT1	NM_001146	205609_at	Angiopoietin 1	Hs.369675	284	8
2.3	RNF6	NM_005977	203403_s_at	Ring finger protein (C3H2C3 type) 6	Hs.136885	6049	13
2.3	PTPN6	NM_002831	206687_s_at	Protein tyrosine phosphatase, non-receptor type 6	Hs.63489	5777	12
2.3	CDC27	NM_001256	217881_s_at	Cell division cycle 27 homolog ( <i>S. cerevisiae</i> )	Hs.463295	996	17
2.3	CAND1	AL136810	208839_s_at	Cullin-associated and neddylation-dissociated 1	Hs.546407	55832	12
2.3	TWRF2	NM_007284	202009_at	Twinfilin, actin-binding protein, homolog 2 ( <i>Drosophila</i> )	Hs.436439	11344	3
2.3	OAZ1	AF090094	215952_s_at	Ornithine decarboxylase antizyme 1	Hs.446427	4946	19
2.3	PPM1B	AF136972	209296_at	Protein phosphatase 1B (formerly 2C), magnesium-dependent, beta isoform	Hs.416769	5495	2
2.3	FAM96B	NM_016062	218074_at	Family with sequence similarity 96, member B	Hs.9825	51647	16
2.3	C14orf147	AA142942	213508_at	Chromosome 14 open reading frame 147	Hs.269909	171546	14
2.3	C14orf139	NM_024633	219563_at	chromosome 14 open reading frame 139	-	79686	-
2.3	CD46	AL570661	208783_s_at	CD46 molecule, complement regulatory protein	Hs.510402	4179	1
2.3	LYST	NM_000081	203518_at	Lysosomal trafficking regulator	Hs.532411	1130	1
2.3	GEMIN6	NM_024775	219539_at	Gem (nuclear organelle) associated protein 6	Hs.143818	79833	2
2.3	PRKCQ	AL137145	210038_at	protein kinase C, theta	-	-	-
2.3	AGPAT2	U56418	210678_s_at	1-acylglycerol-3-phosphate O-acyltransferase 2 (lysophosphatidic acid acyltransferase, 2)	Hs.320151	10555	9
2.3	PSME4	AU143855	212222_at	Proteasome (prosome, macropain) activator subunit 4	Hs.413801	23198	2
2.3	SAG	NM_000541	206671_at	S-antigen; retina and pineal gland (arrestin)	Hs.32721	6295	2
2.3	SEPHS2	NM_012248	200961_at	Selenophosphate synthetase 2	Hs.718460	22928	16
2.3	TMEM50A	NM_014313	217766_s_at	Transmembrane protein 50A	Hs.523054	23585	1
2.3	LRRC8D	NM_018103	218684_at	Leucine rich repeat containing 8 family, member D	Hs.588647	55144	1
2.3	CDC23	NM_004661	202892_at	Cell division cycle 23 homolog ( <i>S. cerevisiae</i> )	Hs.73625	8697	5
2.3	TPST2	NM_003595	204079_at	Tyrosylprotein sulfotransferase 2	Hs.632768	8459	22

## Up-Regulated Transcripts (u133A U133B)

2.3	RUNX1	D43968	209360_s_at	Runt-related transcription factor 1	Hs.149261	861	21
2.3	CALM1	AI653730	211985_s_at	Calmodulin 1 (phosphorylase kinase, delta)	Hs.282410	801	14
2.3	DR1	AW516932	209187_at	Down-regulator of transcription 1, TBP-binding (negative cofactor 2)	Hs.348418	1810	1
2.3	FAM18B	NM_016078	218446_s_at	Family with sequence similarity 18, member B	Hs.87295	51030	17
2.3	GNE	NM_005476	205042_at	Glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine kinase	Hs.5920	10020	9
2.3	SNAPC3	U71300	210465_s_at	Small nuclear RNA activating complex, polypeptide 3, 50kDa	Hs.546299	6619	9
2.3	RAB8A	BC002977	208819_at	RAB8A, member RAS oncogene family	Hs.642874	4218	19
2.3	C3orf14	NM_020685	219288_at	Chromosome 3 open reading frame 14	Hs.47166	57415	3
2.3	NT5DC2	NM_022908	218051_s_at	5'-nucleotidase domain containing 2	Hs.84753	64943	3
2.3	ATPGVOE1	AI252582	214149_s_at	Transcribed locus	Hs.712977	-	5
2.3	C13orf34	NM_024808	219544_at	Chromosome 13 open reading frame 34	Hs.714340	79866	13
2.3	DAP	NM_004394	201095_at	Death-associated protein	Hs.75189	1611	5
2.3	LIMK2	NM_005569	202193_at	LIM domain kinase 2	Hs.474596	3985	22
2.3	C2orf44	NM_025203	219120_at	Chromosome 2 open reading frame 44	Hs.24624	80304	2
2.2	NACC2	AA114166	212993_at	MRNA; cDNA DKFZp667B1718 (from clone DKFZp667B1718)	Hs.531457	-	9
2.2	PDE6D	NM_002601	204091_at	Phosphodiesterase 6D, cGMP-specific, rod, delta	Hs.516808	5147	2
2.2	TSPAN4	AF054841	209264_s_at	Tetraspanin 4	Hs.654836	7106	11
2.2	HP55	NM_007216	204544_at	Hermansky-Pudlak syndrome 5	Hs.437599	11234	11
2.2	HNRNPF	AI591354	201376_s_at	Heterogeneous nuclear ribonucleoprotein F	Hs.808	3185	10
2.2	MOCS2	NM_004531	218212_s_at	Molybdenum cofactor synthesis 2	Hs.163645	4338	5
2.2	EFHA1	AI346431	212410_at	EF-hand domain family, member A1	Hs.412103	221154	13
2.2	STIP1	BE886580	213330_s_at	Stress-induced-phosphoprotein 1	Hs.337295	10963	11
2.2	CDC6	NM_001254	203968_s_at	Cell division cycle 6 homolog (S. cerevisiae)	Hs.405958	990	17
2.2	NFYC	NM_014223	202215_s_at	Nuclear transcription factor Y, gamma	Hs.233458	4802	1
2.2	EBAG9	NM_004215	204278_s_at	Estrogen receptor binding site associated, antigen, 9	Hs.409368	9166	8
2.2	CCDC92	NM_025140	218175_at	Coiled-coil domain containing 92	Hs.114111	80212	12
2.2	ASL	NM_000048	204608_at	Argininosuccinate lyase	Hs.632015	435	7
2.2	MAPK14	NM_001315	202530_at	Mitogen-activated protein kinase 14	Hs.485233	1432	6
2.2	ACTR10	AK022248	222230_s_at	Actin-related protein 10 homolog (S. cerevisiae)	Hs.509451	55860	14
2.2	PSMD6	NM_014814	202753_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 6	Hs.152536	9861	3
2.2	TMEM111	NM_018447	217882_at	Transmembrane protein 111	Hs.475392	55831	3
2.2	GORASP2	NM_015530	207812_s_at	Golgi reassembly stacking protein 2, 55kDa	Hs.431317	26003	2
2.2	SNRPG	NM_003096	205644_s_at	Small nuclear ribonucleoprotein polypeptide G	Hs.516076	6637	2
2.2	C7orf25	BC000769	221573_at	Chromosome 7 open reading frame 25	Hs.709957	79020	7
2.2	RAB5B	AF267863	201276_at	RAB5B, member RAS oncogene family	Hs.567328	5869	12
2.2	MKL1	AB037859	212748_at	Megakaryoblastic leukemia (translocation) 1	Hs.654688	57591	22
2.2	PSMA7	NM_002792	201114_x_at	Proteasome (prosome, macropain) subunit, alpha type, 7	Hs.233952	5688	20
2.2	MICALL2	NM_024723	219332_at	MICAL-like 2	-	79778	
2.2	C10orf137	AL050102	213410_at	Chromosome 10 open reading frame 137	Hs.468688	26098	10
2.2	MRPS14	BG254653	203800_s_at	Mitochondrial ribosomal protein S14	Hs.702192	63931	1
2.2	ZFP161	AL534416	209724_s_at	Zinc finger protein 161 homolog (mouse)	Hs.592340	7541	18
2.2	UBE3C	NM_014671	201817_at	Ubiquitin protein ligase E3C	Hs.118351	9690	7
2.2	RTCD1	NM_003729	203594_at	RNA terminal phosphate cyclase domain 1	Hs.484222	8634	1
2.2	RHOF	NM_019034	219045_at	Ras homolog gene family, member F (in filopodia)	Hs.524804	54509	12
2.2	OIP5	BE045993	213599_at	Opa interacting protein 5	Hs.661645	11339	15
2.2	CTPS	NM_001905	202613_at	CTP synthase	Hs.473087	1503	1
2.2	TRIM13	NM_005798	203659_s_at	Tripartite motif-containing 13	Hs.436922	10206	13
2.2	RGS18	AF076642	223809_at	Regulator of G-protein signaling 18			
2.2	ANKRD17	AI986295	212211_at	Transcribed locus, strongly similar to NP_932127.2 ankyrin repeat domain protein 17 isoform 1	Hs.601206	-	4
2.2	KRAS	W80678	204009_s_at	V-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	Hs.505033	3845	12
2.2	SCFD1	AB020724	215548_s_at	Sec1 family domain containing 1	Hs.369168	23256	14
2.2	SMARCA5	NM_003601	202303_x_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily 5, member A	Hs.558422	8467	4
2.2	PHACTR2	NM_014721	204049_s_at	Phosphatase and actin regulator 2	Hs.102471	9749	6
2.2	PSMD1	AI860431	201198_s_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	Hs.3887	5707	2
2.2	AHCYL2	AB020635	212814_at	S-adenosylhomocysteine hydrolase-like 2	Hs.600789	23382	7
2.2	FGF18	NM_003862	206987_x_at	Fibroblast growth factor 18	Hs.87191	8817	5
2.2	NPC1	NM_000271	202679_at	Niemann-Pick disease, type C1	Hs.715623	4864	18

## Up-Regulated Transcripts (u133A U133B)

2.2	SAMD9	NM_017654	219691_at	Sterile alpha motif domain containing 9	Hs.65641	54809	7
2.2	TM9SF3	NM_020123	217758_s_at	Transmembrane 9 superfamily member 3	Hs.500674	56889	10
2.1	STAM	NM_003473	203544_s_at	Signal transducing adaptor molecule (SH3 domain and ITAM motif) 1	Hs.441498	8027	10
2.1	PD55B	NM_015032	204742_s_at	PD55, regulator of cohesion maintenance, homolog B (S. cerevisiae)	Hs.716441	23047	13
2.1	GLB1	NM_000404	201576_s_at	Galactosidase, beta 1	Hs.443031	2720	3
2.1	PSMA5	NM_002790	201274_at	Proteasome (prosome, macropain) subunit, alpha type, 5	Hs.712557	5686	1
2.1	TOP1	J03250	208901_s_at	Topoisomerase (DNA) I	Hs.472737	7150	20
2.1	PCYT2	BC000351	209577_at	Phosphate cytidylyltransferase 2, ethanolamine	Hs.645248	5833	17
2.1	SH2B3	NM_005475	203320_at	SH2B adaptor protein 3	Hs.506784	10019	12
2.1	TDG	NM_003211	203743_s_at	Thymine-DNA glycosylase	Hs.584809	6996	12
2.1	CC2D2B	NM_024343	219731_at	Homo sapiens hypothetical protein MGC10764 (MGC10764), mRNA.	-	-	-
2.1	VAMP7	NM_005638	202829_s_at	Vesicle-associated membrane protein 7	Hs.24167	6845	X Y
2.1	VPS26A	NM_004896	201807_at	Vacuolar protein sorting 26 homolog A (S. pombe)	Hs.499925	9559	10
2.1	-	W87688	213598_at	Transcribed locus, strongly similar to NP_001039501.1 dimethyladenosine transferase	Hs.533222	-	5
2.1	MFAP1	NM_005926	203406_at	Microfibrillar-associated protein 1	Hs.61418	4236	15
2.1	CAPZB	NM_004930	201950_x_at	Capping protein (actin filament) muscle Z-line, beta	Hs.432760	832	1
2.1	ATG9A	NM_024085	202492_at	ATG9 autophagy related 9 homolog A (S. cerevisiae)	Hs.323363	79065	2
2.1	WDR7	AB011113	212880_at	WD repeat domain 7	Hs.465213	23335	18
2.1	EPS15	NM_001981	217887_s_at	Epidermal growth factor receptor pathway substrate 15	Hs.83722	2060	1
2.1	NCAPD2	AK022511	201774_s_at	Non-SMC condensin I complex, subunit D2	Hs.5719	9918	12
2.1	SLC35B1	NM_005827	202433_at	Solute carrier family 35, member B1	Hs.154073	10237	17
2.1	ZZEF1	AB007859	212601_at	Zinc finger, ZZ-type with EF-hand domain 1	Hs.277624	23140	17
2.1	CD55	BC001288	201926_s_at	CD55 molecule, decay accelerating factor for complement (Cromer blood group)	Hs.126517	1604	1
2.1	PSMB2	NM_002794	200039_s_at	Proteasome (prosome, macropain) subunit, beta type, 2	Hs.471441	5690	1
2.1	INTS7	AK001363	222250_s_at	Integrator complex subunit 7	Hs.369285	25896	1
2.1	CLCC1	AA883493	213628_at	Chloride channel CLIC-like 1	Hs.658489	23155	1
2.1	SLC18A2	AI269290	205857_at	Solute carrier family 18 (vesicular monoamine), member 2	Hs.654476	6571	10
2.1	USP1	NM_003368	202413_s_at	Ubiquitin specific peptidase 1	Hs.35086	7398	1
2.1	RYBP	AB029551	201845_s_at	RING1 and YY1 binding protein	Hs.7910	23429	3
2.1	ATP2A2	M23114	209186_at	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	Hs.506759	488	12
2.1	DEGS1	BC000961	209250_at	Degenerative spermatocyte homolog 1, lipid desaturase (Drosophila)	Hs.299878	8560	1
2.1	EIF4E2	BF516289	213571_s_at	Eukaryotic translation initiation factor 4E family member 2	Hs.292026	9470	2
2.1	STRN3	NM_014574	204496_at	Striatin, calmodulin binding protein 3	Hs.401843	29966	14
2.1	GOLGA5	NM_005113	218241_at	Golgi autoantigen, golgin subfamily a, 5	Hs.104320	9950	14
2.1	FLJ14213	NM_024841	219383_at	Protor-2	Hs.19987	79899	11
2.1	PPCS	NM_024664	218341_at	Phosphopantothenoylcysteine synthetase	Hs.710166	79717	1
2.1	ARFGEF2	AL121903	218098_at	ADP-ribosylation factor guanine nucleotide-exchange factor 2 (brefeldin A-inhibited)	-	-	-
2.1	MAP3K7	AF218074	211537_x_at	Mitogen-activated protein kinase kinase kinase 7	Hs.719192	6885	6
2.1	RPL24	NM_000986	200013_at	Ribosomal protein L24			
2.1	COX8A	NM_004074	201119_s_at	Cytochrome c oxidase subunit 8A (ubiquitous)	Hs.433901	1351	11
2.1	ARHGAP1	BG468434	202117_at	Full length insert cDNA clone ZE01F11	Hs.660321	-	11
2.1	POLR2B	NM_000938	201803_at	Polymerase (RNA) II (DNA directed) polypeptide B, 140kDa	Hs.602757	5431	4
2.1	TEX264	NM_015926	218548_x_at	Testis expressed 264	Hs.517864	51368	3
2.1	ZNF24	AU144066	212534_at	Zinc finger protein 24	Hs.514802	7572	18
2.1	TROVE2	AU146655	213027_at	TROVE domain family, member 2	Hs.288178	6738	1
2.1	CMTM5	AI147740	230942_at	CKLF-like MARVEL transmembrane domain containing 5			
2.1	USP12	AI820101	213327_s_at	Ubiquitin specific peptidase 12	Hs.42400	219333	13
2.1	CHFR	NM_018223	218803_at	Checkpoint with forkhead and ring finger domains	Hs.656770	55743	12
2.1	NLRX1	NM_024618	219680_at	NLR family member X1	Hs.524082	79671	11
2.1	XPNPEP1	AF195530	209045_at	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble	Hs.390623	7511	10
2.1	TRAPPC2P1	AF291676	209751_s_at	trafficking protein particle complex 2 pseudogene 1	-	10597	-
2.1	PANK3	NM_024594	218433_at	Pantothenate kinase 3	Hs.591729	79646	5
2.1	UCHL5	NM_016017	220083_x_at	ubiquitin carboxyl-terminal hydrolase L5	-	51377	-
2.1	P4HB	NM_000918	200656_s_at	Prolyl 4-hydroxylase, beta polypeptide	Hs.464336	5034	17
2.1	ARHGEF12	AB002380	201334_s_at	Rho guanine nucleotide exchange factor (GEF) 12	Hs.24598	23365	11
2.1	MED21	AI688580	209362_at	Mediator complex subunit 21	Hs.286145	9412	12
2.1	ADD3	BE545756	201034_at	Adducin 3 (gamma)	Hs.501012	120	10



## Up-Regulated Transcripts (u133A U133B)

2.1	RPS11	NM_001015	200031_s_at	Ribosomal protein S11			
2.1	MKKS	NM_018848	218138_at	McKusick-Kaufman syndrome	Hs.472119	8195	20
2.1	UTP3	BC004546	209486_at	UTP3, small subunit (SSU) processome component, homolog (S. cerevisiae)	Hs.322901	57050	4
2.1	TM2D1	AA012917	213883_s_at	TM2 domain containing 1	Hs.656790	83941	1
2.1	GPX4	NM_002085	201106_at	Glutathione peroxidase 4 (phospholipid hydroperoxidase)	Hs.433951	2879	19
2.1	MFF	NM_020194	219137_s_at	Mitochondrial fission factor	Hs.471528	56947	2
2.1	PTTG1	NM_004219	203554_x_at	Pituitary tumor-transforming 1	Hs.350966	9232	5
2.0	SMAP1	NM_021940	218137_s_at	Small ArfGAP 1	Hs.485717	60682	6
2.0	ATP13A2	NM_022089	218608_at	ATPase type 13A2	Hs.128866	23400	1
2.0	RRP8	NM_015324	203171_s_at	Ribosomal RNA processing 8, methyltransferase, homolog (yeast)	Hs.652255	23378	11
2.0	ENSA	BC000436	202596_at	Endosulfine alpha	Hs.632456	2029	1
2.0	NMI	NM_004688	203964_at	N-myc (and STAT) interactor	Hs.54483	9111	2
2.0	TSG101	NM_006292	201758_at	Tumor susceptibility gene 101	Hs.523512	7251	11
2.0	STK10	NM_005990	203047_at	Serine/threonine kinase 10	Hs.719134	6793	5
2.0	WDR37	AL136827	211383_s_at	WD repeat domain 37	Hs.188495	22884	10
2.0	SMPD1	M59916	209420_s_at	Sphingomyelin phosphodiesterase 1, acid lysosomal	Hs.498173	6609	11
2.0	ERP44	BC005374	208959_s_at	Endoplasmic reticulum protein 44	Hs.154023	23071	9
2.0	TTC15	NM_016030	203122_at	Tetratricopeptide repeat domain 15	Hs.252713	51112	2
2.0	SNRNP27	BG252325	212438_at	Small nuclear ribonucleoprotein 27kDa (U4/U6.U5)	Hs.54649	11017	2
2.0	MAPKSP1	NM_021970	217971_at	MAPK scaffold protein 1	Hs.716375	8649	4
2.0	COMMD4	BE313890	209132_s_at	COMM domain containing 4	Hs.351327	54939	15
2.0	C2orf43	NM_021925	219008_at	Chromosome 2 open reading frame 43	Hs.187823	60526	2
2.0	ADIPOR2	NM_024551	201346_at	Adiponectin receptor 2	Hs.371642	79602	12
2.0	ENY2	NM_020189	218482_at	Enhancer of yellow 2 homolog (Drosophila)	Hs.492555	56943	8
2.0	RNF144A	NM_014746	204040_at	Ring finger protein 144A	Hs.22146	9781	2
2.0	SULT1A3	U08032	209607_x_at	Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 3	Hs.460558	6818	16
2.0	NDUFV2	NM_021074	202941_at	NADH dehydrogenase (ubiquinone) flavoprotein 2, 24kDa	Hs.464572	4729	18
2.0	PPP1CA	NM_002708	200846_s_at	Protein phosphatase 1, catalytic subunit, alpha isoform	Hs.183994	5499	11
2.0	ARMCX5	NM_022838	219335_at	Armadillo repeat containing, X-linked 5	Hs.522729	64860	X
2.0	LIG4	NM_002312	206235_at	Ligase IV, DNA, ATP-dependent	Hs.166091	3981	13
2.0	TIMM8A	NM_004085	205217_at	Translocase of inner mitochondrial membrane 8 homolog A (yeast)	Hs.447877	1678	X
2.0	ARMCX3	NM_016607	217858_s_at	Armadillo repeat containing, X-linked 3	Hs.592225	51566	X
2.0	NUPL2	NM_007342	204003_s_at	Nucleoporin like 2	Hs.408241	11097	7
2.0	SYB	U93305	217349_s_at	prickle homolog 3 (Drosophila)	-	-	-
2.0	SCAMP3	NM_005698	201771_at	Secretory carrier membrane protein 3	Hs.200600	10067	1
2.0	DNAJC12	NM_021800	218976_at	DnaJ (Hsp40) homolog, subfamily C, member 12	Hs.260720	56521	10
2.0	NAGA	NM_000262	202944_at	N-acetylgalactosaminidase, alpha-	Hs.75372	4668	22
2.0	CCL5	NM_002985	204655_at	Chemokine (C-C motif) ligand 5	Hs.514821	6352	17
2.0	NDUFS1	NM_005006	203039_s_at	NADH dehydrogenase (ubiquinone) Fe-S protein 1, 75kDa (NADH-coenzyme Q reductase)	Hs.471207	4719	2
2.0	TTC35	NM_014673	203584_at	Tetratricopeptide repeat domain 35	Hs.654351	9694	8
2.0	DCTN3	NM_007234	204246_s_at	Dynactin 3 (p22)	Hs.511768	11258	9
2.0	C7orf49	NM_024033	220949_s_at	Chromosome 7 open reading frame 49	Hs.521213	78996	7
2.0	ELOVL5	AL136939	208788_at	ELOVL family member 5, elongation of long chain fatty acids (FEN1/Elo2, SUR4/Elo3-like)	Hs.713560	60481	6
2.0	MTHFD2	NM_006636	201761_at	Methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methylenetetrahydrofolate	Hs.469030	10797	2
2.0	SLC9A3R1	NM_004252	201349_at	Solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1	Hs.711846	9368	17
2.0	SMYD2	AI809870	212922_s_at	SET and MYND domain containing 2	Hs.66170	56950	1
2.0	YWHAH	NM_014052	217718_s_at	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta poly	-	7529	-
2.0	SULT1A2	U28169	211385_x_at	Sulfotransferase family, cytosolic, 1A, phenol-preferring, member 2	Hs.546304	6799	16
2.0	ACAD8	BC001964	221669_s_at	Acyl-Coenzyme A dehydrogenase family, member 8	Hs.14791	27034	11
2.0	CNOT8	AF180476	202164_s_at	CCR4-NOT transcription complex, subunit 8	Hs.26703	9337	5
2.0	CNDP2	NM_018235	217752_s_at	CNDP dipeptidase 2 (metallopeptidase M20 family)	Hs.149185	55748	18
2.0	CCNT2	BE674119	213743_at	Transcribed locus	Hs.666595	-	2
2.0	LEPROT	AW026535	202377_at	Leptin receptor	Hs.655605	-	1
2.0	MMD	NM_012329	203414_at	Monocyte to macrophage differentiation-associated	Hs.463483	23531	17
2.0	TIMM17B	NM_005834	203342_at	Translocase of inner mitochondrial membrane 17 homolog B (yeast)	Hs.30570	10245	X
2.0	CYFIP1	BC005097	208923_at	Cytoplasmic FMR1 interacting protein 1	Hs.26704	23191	15
2.0	ARPC2	BG034239	213513_x_at	Actin related protein 2/3 complex, subunit 2, 34kDa	Hs.529303	10109	2

## Up-Regulated Transcripts (u133A U133B)

2.0	CITED2	AF109161	209357_at	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	Hs.82071	10370	6
2.0	PPP4C	BC001416	208932_at	Protein phosphatase 4 (formerly X), catalytic subunit	Hs.534338	5531	16
2.0	GGT1	NM_013421	208284_x_at	gamma-glutamyltransferase 1	-	2678	-
2.0	AKAP9	AB019691	210962_s_at	A kinase (PRKA) anchor protein (yotiao) 9	Hs.651221	10142	7
2.0	SERPIN1	NM_005025	205352_at	Serpin peptidase inhibitor, clade I (neuroserpin), member 1	Hs.478153	5274	3
1.9	MCF2L	AB002360	212935_at	MCF.2 cell line derived transforming sequence-like	Hs.170422	23263	13
1.9	ELF4	U32645	31845_at	E74-like factor 4 (ets domain transcription factor)	Hs.271940	2000	X
1.9	ARHGAP25	D29642	38149_at	Rho GTPase activating protein 25	Hs.531807	9938	2
1.9	PLOD1	NM_000302	200827_at	Procollagen-lysine 1, 2-oxoglutarate 5-dioxygenase 1	Hs.75093	5351	1
1.9	TYMP	NM_001953	204858_s_at	Thymidine phosphorylase	Hs.592212	1890	22
1.9	MED20	AK023092	212872_s_at	Mediator complex subunit 20	Hs.278434	9477	6
1.9	TAGLN2	NM_003564	200916_at	Transgelin 2	Hs.517168	8407	1
1.9	ZNF180	NM_013256	219495_s_at	Zinc finger protein 180	Hs.22305	7733	19
1.9	SUPT16H	NM_007192	217815_at	Suppressor of Ty 16 homolog (S. cerevisiae)	Hs.213724	11198	14
1.9	CCT5	AF275798	208696_at	Chaperonin containing TCP1, subunit 5 (epsilon)	Hs.1600	22948	5
1.9	MYL12B	U26162	221474_at	Myosin, light chain 12B, regulatory	Hs.464472	103910	18
1.9	NDUFB3	NM_002491	203371_s_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 3, 12kDa	Hs.109760	4709	2
1.9	SV2A	NM_014849	203069_at	Synaptic vesicle glycoprotein 2A	Hs.516153	9900	1
1.9	ANKMY2	AK001389	212798_s_at	Ankyrin repeat and MYND domain containing 2	Hs.157378	57037	7
1.9	DYNLRB1	NM_014183	217918_at	Dynein, light chain, roadblock-type 1	Hs.593920	83658	20
1.9	UBR2	AB002347	212760_at	Ubiquitin protein ligase E3 component n-recogin 2	Hs.529925	23304	6
1.9	GLYR1	NM_018459	218506_x_at	glyoxylate reductase 1 homolog (Arabidopsis)	-	84656	-
1.9	GNS	BE880245	212334_at	Transcribed locus	Hs.682295	-	12
1.9	NDUFAF3	BC002873	209177_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 3	Hs.31387	25915	3
1.9	STRN4	NM_013403	217903_at	Striatin, calmodulin binding protein 4	Hs.631590	29888	19
1.9	BRD7	AI885109	221776_s_at	Bromodomain containing 7	Hs.437894	29117	16
1.9	TUBG1	NM_001070	201714_at	Tubulin, gamma 1	Hs.279669	7283	17
1.9	GOSR1	AI741876	213021_at	Golgi SNAP receptor complex member 1	Hs.462680	9527	17
1.9	ACTR2	BE566290	200728_at	ARP2 actin-related protein 2 homolog (yeast)	-	-	-
1.9	IL10RB	BC001903	209575_at	Interleukin 10 receptor, beta	Hs.654593	3588	21
1.9	MYL6	BE734356	212082_s_at	Myosin, light chain 6, alkali, smooth muscle and non-muscle	Hs.632717	4637	12
1.9	KIDINS220	AB033076	212163_at	Kinase D-interacting substrate, 220kDa	Hs.9873	57498	2
1.9	COPG	NM_016128	217749_at	Coatomer protein complex, subunit gamma	Hs.518250	22820	3
1.9	TMEM9B	NM_020644	218065_s_at	TMEM9 domain family, member B	Hs.501853	56674	11
1.9	PPP1R10	NM_002714	201703_s_at	Protein phosphatase 1, regulatory (inhibitor) subunit 10	Hs.106019	5514	6
1.9	PITPNB	AL031591	202522_at	phosphatidylinositol transfer protein, beta	-	-	-
1.9	XRCC1	NM_006297	203655_at	X-ray repair complementing defective repair in Chinese hamster cells 1	Hs.98493	7515	19
1.9	SLC7A1	AA148507	212295_s_at	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	Hs.14846	6541	13
1.9	SPDEF	NM_012391	220192_x_at	SAM pointed domain containing ets transcription factor	Hs.485158	25803	6
1.9	RER1	AF157324	202297_s_at	RER1 retention in endoplasmic reticulum 1 homolog (S. cerevisiae)	Hs.719104	11079	1
1.9	PGRMC2	BE879873	213227_at	Progesterone receptor membrane component 2	Hs.507910	10424	4
1.9	MYO1F	BF740152	213733_at	Myosin 1F	Hs.465818	4542	19
1.9	RTN4	AB015639	211509_s_at	Reticulon 4	Hs.704007	57142	2
1.9	EDEM1	NM_014674	203279_at	ER degradation enhancer, mannosidase alpha-like 1	Hs.224616	9695	3
1.9	MADD	AB002356	210252_s_at	MAP-kinase activating death domain	Hs.82548	8567	11
1.9	CTNNA1	NM_001903	200765_x_at	Catenin (cadherin-associated protein), alpha 1, 102kDa	Hs.534797	1495	5
1.9	SLC25A11	NM_003562	207088_s_at	Solute carrier family 25 (mitochondrial carrier; oxoglutarate carrier), member 11	Hs.706792	8402	17
1.9	NEK7	AL080111	212530_at	NIMA (never in mitosis gene a)-related kinase 7	Hs.24119	140609	1
1.9	TRIM24	NM_015905	204391_x_at	Tripartite motif-containing 24	Hs.490287	8805	7
1.9	RHEB	BF033683	213404_s_at	Ras homolog enriched in brain	-	-	-
1.9	SEP11	AL534972	201307_at	Septin 11	Hs.128199	55752	4
1.9	TRAM1	BC000687	201398_s_at	Translocation associated membrane protein 1	Hs.491988	23471	8
1.9	RMND5B	NM_022762	218262_at	Required for meiotic nuclear division 5 homolog B (S. cerevisiae)	Hs.716508	64777	5
1.9	ACTBL3	AY014272	210926_at	Actin, beta-like 3	Hs.631267	440915	2
1.9	STAMPB	NM_006463	202811_at	STAM binding protein	Hs.469018	10617	2
1.9	NUP50	AF267865	218294_s_at	Nucleoporin 50kDa	Hs.715672	10762	22
1.9	MEA1	NM_014623	218061_at	Male-enhanced antigen 1	Hs.278362	4201	6

## Up-Regulated Transcripts (u133A U133B)

1.9	TFPT	NM_013342	218996_at	TCF3 (E2A) fusion partner (in childhood Leukemia)	Hs.590939	29844	19
1.9	NUDT4	AF191654	212181_s_at	Nudix (nucleoside diphosphate linked moiety X)-type motif 4	Hs.506325	11163	12
1.9	RHOBTB3	NM_014899	202976_s_at	Rho-related BTB domain containing 3	Hs.445030	22836	5
1.9	HIF1AN	W37897	59999_at	Transcribed locus	Hs.700958	-	10
1.9	NSF	NM_006178	202395_at	N-ethylmaleimide-sensitive factor	Hs.431279	4905	17
1.9	KDEL2	BE962456	200699_at	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 2	-	-	-
1.9	AP152	NM_003916	203300_x_at	Adaptor-related protein complex 1, sigma 2 subunit	Hs.656471	8905	X
1.9	CUL5	BF435809	203531_at	Cullin 5	Hs.440320	8065	11
1.9	PYGL	NM_002863	202990_at	Phosphorylase, glycogen, liver	Hs.282417	5836	14
1.9	GOLGB1	N53479	201056_at	Golgin B1, golgi integral membrane protein	Hs.213389	2804	3
1.9	METTL3	BC001650	209265_s_at	Methyltransferase like 3	Hs.168799	56339	14
1.9	SPINT2	AF027205	210715_s_at	Serine peptidase inhibitor, Kunitz type, 2	Hs.31439	10653	19
1.9	CREB1	NM_004379	204314_s_at	CAMP responsive element binding protein 1	Hs.516646	1385	2
1.9	SSFA2	NM_006751	202506_at	Sperm specific antigen 2	Hs.591602	6744	2
1.9	C17orf71	NM_018149	218514_at	Chromosome 17 open reading frame 71	Hs.7296	55181	17
1.9	TMF1	AL050136	214948_s_at	MRNA; cDNA DKFZp586L141 (from clone DKFZp586L141)	Hs.706113	-	8
1.9	NFU1	NM_015700	218946_at	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)	Hs.430439	27247	2
1.9	NDUFA4L2	AW190316	214096_s_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	Hs.75069	56901	12
1.9	CCDC28A	BC000758	209479_at	Coiled-coil domain containing 28A	Hs.412019	25901	6
1.9	ARF3	NM_001659	200011_s_at	ADP-ribosylation factor 3	Hs.119177	377	12
1.9	TMEM214	NM_017727	217899_at	Transmembrane protein 214	Hs.533934	54867	2
1.9	PTBP1	BC004383	211271_x_at	Polypyrimidine tract binding protein 1	Hs.172550	5725	19
1.9	KIF3C	AF035621	203389_at	Kinesin family member 3C	Hs.21611	3797	2
1.9	STX7	N32035	212632_at	Syntaxin 7	Hs.593148	8417	6
1.9	PSMA6	BC002979	208805_at	Proteasome (prosome, macropain) subunit, alpha type, 6	Hs.446260	5687	14
1.9	DOLK	NM_014908	204488_at	Dolichol kinase	Hs.531563	22845	9
1.9	MEIS1	NM_002398	204069_at	Meis homeobox 1	Hs.526754	4211	2
1.9	USP33	AB029020	212513_s_at	Ubiquitin specific peptidase 33	Hs.719202	23032	1
1.9	BNIP3	U15174	201848_s_at	BCL2/adenovirus E1B 19kDa interacting protein 3	-	664	-
1.8	PPME1	NM_016147	217841_s_at	Protein phosphatase methylesterase 1	Hs.503251	51400	11
1.8	FBXO28	AB007952	202271_at	F-box protein 28	Hs.64691	23219	1
1.8	BRE	AL566299	212645_x_at	Brain and reproductive organ-expressed (TNFRSF1A modulator)	Hs.258314	9577	2
1.8	TIA1	H96549	201447_at	TIA1 cytotoxic granule-associated RNA binding protein	Hs.413123	7072	2
1.8	CHMP7	BC004344	212313_at	CHMP family, member 7	Hs.5019	91782	8
1.8	INTS5	BF446693	221818_at	Integrator complex subunit 5	Hs.458390	80789	11
1.8	GSS	L42531	211630_s_at	glutathione synthetase	-	-	-
1.8	UROD	M14016	208970_s_at	Uroporphyrinogen decarboxylase	Hs.78601	7389	1
1.8	TCF12	AL559478	208986_at	Transcription factor 12	Hs.511504	6938	15
1.8	PUM2	D87078	216221_s_at	Pumilio homolog 2 (Drosophila)	Hs.467824	23369	2
1.8	FASTKD3	NM_024091	219200_at	FAST kinase domains 3	Hs.653162	79072	5
1.8	CASP3	NM_004346	202763_at	Caspase 3, apoptosis-related cysteine peptidase	Hs.141125	836	4
1.8	TRIM21	NM_003141	204804_at	Tripartite motif-containing 21	Hs.532357	6737	11
1.8	BECN1	AF139131	208946_s_at	Beclin 1, autophagy related	Hs.716464	8678	17
1.8	CCDC51	NM_024661	218722_s_at	Coiled-coil domain containing 51	Hs.187657	79714	3
1.8	TRAPPC2	NM_014563	219351_at	Trafficking protein particle complex 2	Hs.592238	6399	X
1.8	CYB561D2	AF040704	209665_at	Cytochrome b-561 domain containing 2	Hs.149443	11068	3
1.8	RNF4	BF968633	212696_s_at	Ring finger protein 4	Hs.66394	6047	4
1.8	LYN	AI356412	202625_at	V-yes-1 Yamaguchi sarcoma viral related oncogene homolog	Hs.699154	4067	8
1.8	GOLGA7	NM_016099	217819_at	Golgi autoantigen, golgin subfamily a, 7	Hs.654773	51125	8
1.8	GHITM	AF131820	209249_s_at	Growth hormone inducible transmembrane protein	Hs.352656	27069	10
1.8	RHOG	NM_001665	203175_at	Ras homolog gene family, member G (rho G)	Hs.501728	391	11
1.8	ABHD6	BC001698	221552_at	Abhydrolase domain containing 6	Hs.476454	57406	3
1.8	THEM2	NM_018473	204565_at	Thioesterase superfamily member 2	Hs.9676	55856	6
1.8	C14orf2	AF116639	210532_s_at	Chromosome 14 open reading frame 2	Hs.109052	9556	14
1.8	KLHL20	AA808694	204176_at	Kelch-like 20 (Drosophila)	Hs.495035	27252	1
1.8	EXO1	NM_003686	204603_at	Exonuclease 1	Hs.498248	9156	1
1.8	GAPVD1	AK023841	212802_s_at	GTPase activating protein and VPS9 domains 1	Hs.495134	26130	9

## Up-Regulated Transcripts (u133A U133B)

1.8	MLH1	NM_000249	202520_s_at	MutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli)	Hs.195364	4292	3
1.8	SEMA4D	NM_006378	203528_at	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cyto	Hs.494406	10507	9
1.8	DBP	AA485440	40273_at	D site of albumin promoter (albumin D-box) binding protein	Hs.528006	1628	19
1.8	GINS3	NM_022770	218719_s_at	GINS complex subunit 3 (Psf3 homolog)	Hs.47125	64785	16
1.8	ZNF638	AI357871	213775_x_at	Zinc finger protein 638	Hs.434401	27332	2
1.8	HMGCL	NM_000191	202772_at	3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase	Hs.533444	3155	1
1.8	NFYA	AL031778	204108_at	nuclear transcription factor Y, alpha	-	-	-
1.8	MAN1A2	BE543064	217921_at	Mannosidase, alpha, class 1A, member 2	Hs.435938	10905	1
1.8	SARS	NM_006513	200802_at	Seryl-tRNA synthetase	Hs.531176	6301	1
1.8	PIK3R3	AF028785	211580_s_at	Phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	Hs.655387	8503	1
1.8	AP1G1	NM_001128	203350_at	Adaptor-related protein complex 1, gamma 1 subunit	Hs.461253	164	16
1.8	ITRAP	NM_016614	202266_at	TRAF and TNF receptor associated protein	Hs.716397	51567	6
1.8	CALM2	NM_001743	207243_s_at	Calmodulin 2 (phosphorylase kinase, delta)	Hs.468442	805	2
1.8	UBE2Q1	NM_017582	217978_s_at	Ubiquitin-conjugating enzyme E2Q family member 1	Hs.607928	55585	1
1.8	SPHAR	NM_006542	206272_at	S-phase response (cyclin related)	Hs.716553	10638	1
1.8	SON	X63071	214988_s_at	SON DNA binding protein	Hs.517262	6651	21
1.8	PPP1R12A	BE737620	201602_s_at	Protein phosphatase 1, regulatory (inhibitor) subunit 12A	Hs.49582	4659	12
1.8	ABCA7	NM_019112	219577_s_at	ATP-binding cassette, sub-family A (ABC1), member 7	Hs.134514	10347	19
1.8	MFSD5	BF690150	212861_at	Major facilitator superfamily domain containing 5	Hs.654660	84975	12
1.8	DNAJC16	AK022530	212908_at	Dnaj (Hsp40) homolog, subfamily C, member 16	Hs.655410	23341	1
1.8	MLEC	NM_014730	200617_at	Malectin	Hs.714322	9761	12
1.8	SEC61B	NM_006808	203133_at	Sec61 beta subunit	Hs.191887	10952	9
1.8	POP7	BC001430	209482_at	Processing of precursor 7, ribonuclease P/MRP subunit (S. cerevisiae)	Hs.416994	10248	7
1.8	MAT2A	BC001686	200768_s_at	Methionine adenosyltransferase II, alpha	Hs.516157	4144	2
1.8	MCFD2	AL567779	212245_at	Multiple coagulation factor deficiency 2	Hs.293689	90411	2
1.8	PFN1	NM_005022	200634_at	Profilin 1	Hs.494661	5216	17
1.8	SAP30L	NM_024632	219129_s_at	SAP30-like	Hs.592566	79685	5
1.8	TTC31	NM_022492	218838_s_at	Tetratricopeptide repeat domain 31	Hs.557709	64427	2
1.8	USO1	NM_003715	201832_s_at	USO1 homolog, vesicle docking protein (yeast)	Hs.292689	8615	4
1.8	KEAP1	NM_012289	202417_at	Kelch-like ECH-associated protein 1	Hs.465870	9817	19
1.8	FBXO34	NM_017943	218539_at	F-box protein 34	Hs.525348	55030	14
1.8	RRAGC	NM_022157	218088_s_at	Ras-related GTP binding C	Hs.532461	64121	1
1.8	PREB	NM_013388	217861_s_at	Prolactin regulatory element binding	Hs.279784	10113	2
1.8	WIPF1	AW058622	202664_at	WAS/WASL interacting protein family, member 1	Hs.128067	7456	2
1.8	TAF10	NM_006284	200055_at	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 30kDa	Hs.5158	6881	11
1.8	MAVS	NM_024030	220305_at	mitochondrial antiviral signaling protein	-	-	-
1.8	KIAA1539	NM_025182	207765_s_at	KIAA1539	Hs.301696	80256	9
1.8	TSFM	AF110399	212656_at	Ts translation elongation factor, mitochondrial	Hs.632704	10102	12
1.8	MRPL34	AB049652	221692_s_at	Mitochondrial ribosomal protein L34	Hs.515242	64981	19
1.8	TAX1BP1	AF090891	200977_s_at	Tax1 (human T-cell leukemia virus type I) binding protein 1	Hs.34576	8887	7
1.7	C1orf77	NM_015607	202560_s_at	Chromosome 1 open reading frame 77	Hs.716398	26097	1
1.7	C1orf43	BC000152	223034_s_at	Chromosome 1 open reading frame 43			
1.7	CLIC1	AF034607	208659_at	Chloride intracellular channel 1	Hs.414565	1192	6
1.7	JAK1	AL039831	201648_at	Janus kinase 1 (a protein tyrosine kinase)	Hs.207538	3716	1
1.7	DNAJB9	NM_012328	202843_at	Dnaj (Hsp40) homolog, subfamily B, member 9	Hs.6790	4189	7
1.7	ATG5	AF293841	210639_s_at	ATG5 autophagy related 5 homolog (S. cerevisiae)	Hs.486063	9474	6
1.7	HSPA4	AB023420	208815_x_at	Heat shock 70kDa protein 4	Hs.90093	3308	5
1.7	TNS1	AL046979	221748_s_at	Tensin 1	Hs.471381	7145	2
1.7	TM9SF1	BE899402	209149_s_at	Transmembrane 9 superfamily member 1	Hs.91586	10548	14
1.7	AKAP11	NM_016248	203156_at	A kinase (PRKA) anchor protein 11	Hs.105105	11215	13
1.7	HMGB3	NM_005342	203744_at	High-mobility group box 3	Hs.19114	3149	X
1.7	MTDH	AV700332	212250_at	Metadherin	Hs.377155	92140	8
1.7	SSH1	AL041728	221752_at	Slingshot homolog 1 (Drosophila)	Hs.199763	54434	12
1.7	TOR1A	BC000674	202348_s_at	Torsin family 1, member A (torsin A)	Hs.534312	1861	9
1.7	KRCC1	NM_016618	218303_x_at	Lysine-rich coiled-coil 1	Hs.469254	51315	2
1.7	PTPRA	AL121905	213795_s_at	protein tyrosine phosphatase, receptor type, A	-	-	-
1.7	STK17A	AW194730	202693_s_at	MRNA; cDNA DKFZp686P05119 (from clone DKFZp686P05119)	Hs.268887	-	7

## Up-Regulated Transcripts (u133A U133B)

1.7	CARS	NM_001751	202402_s_at	CysteinyI-tRNA synthetase	Hs.274873	833	11
1.7	KLHDC3	BC001793	208784_s_at	Kelch domain containing 3	Hs.412468	116138	6
1.7	AQR	BG260519	212584_at	Aquarius homolog (mouse)	Hs.510958	9716	15
1.7	RAB7A	AK000826	211961_s_at	RAB7A, member RAS oncogene family	-	7879	-
1.7	SEP7	AU157515	213151_s_at	Septin 7	Hs.191346	989	7
1.7	WIPF2	AK026913	212050_at	WAS/WASL interacting protein family, member 2	Hs.421622	147179	17
1.7	LSM1	NM_014462	203534_at	LSM1 homolog, U6 small nuclear RNA associated ( <i>S. cerevisiae</i> )	Hs.425311	27257	8
1.7	ARPC1A	NM_006409	200950_at	Actin related protein 2/3 complex, subunit 1A, 41kDa	Hs.124126	10552	7
1.7	ZNF174	NM_003450	205252_at	Zinc finger protein 174	Hs.155204	7727	16
1.7	TIMM8B	NM_012459	218357_s_at	Translocase of inner mitochondrial membrane 8 homolog B (yeast)	Hs.279915	26521	11
1.7	PDIA4	BC000425	208658_at	Protein disulfide isomerase family A, member 4	Hs.93659	9601	7
1.7	RDX	AL137751	212397_at	radixin	-	-	-
1.7	NOL8	NM_017948	218244_at	Nucleolar protein 8	Hs.442199	55035	9
1.7	ANO6	AL041280	224906_at	Anoctamin 6			
1.7	YARS	AW245400	212048_s_at	Tyrosyl-tRNA synthetase	Hs.706890	8565	1
1.7	MARS	NM_004990	201475_x_at	Methionyl-tRNA synthetase	Hs.632707	4141	12
1.7	RABIF	U74324	204477_at	RAB interacting factor	Hs.90875	5877	1
1.7	PRPSAP2	NM_002767	203537_at	Phosphoribosyl pyrophosphate synthetase-associated protein 2	Hs.632236	5636	17
1.7	EIF5B	NM_015904	201027_s_at	Eukaryotic translation initiation factor 5B	Hs.158688	9669	2
1.7	METAP1	D42084	212673_at	Methionyl aminopeptidase 1	Hs.480364	23173	4
1.7	ATP8A1	AI769688	213106_at	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1	Hs.435052	10396	4
1.7	WNK1	AI742553	211994_at	WNK lysine deficient protein kinase 1	Hs.709894	65125	12
1.7	CACYBP	BC005975	211761_s_at	Calcyclin binding protein	Hs.508524	27101	1
1.7	C4orf27	NM_017867	218646_at	Chromosome 4 open reading frame 27	Hs.406756	54969	4
1.7	PSMC1	NM_002802	204219_s_at	Proteasome (prosome, macropain) 26S subunit, ATPase, 1	Hs.356654	5700	14
1.7	ICMT	NM_012405	201611_s_at	Isoprenylcysteine carboxyl methyltransferase	Hs.515688	23463	1
1.7	KCNE3	AI692703	227647_at	Potassium voltage-gated channel, Isk-related family, member 3			
1.7	SCCPDH	NM_016002	201826_s_at	Saccharopine dehydrogenase (putative)	Hs.498397	51097	1
1.7	CCNG1	BC000196	208796_s_at	Cyclin G1	Hs.79101	900	5
1.7	MTRF1	BF214329	203207_s_at	mitochondrial fission regulator 1	-	-	-
1.7	FAM178A	AI655902	203481_at	Family with sequence similarity 178, member A	Hs.447458	55719	10
1.7	HHEX	Z21533	215933_s_at	Hematopoietically expressed homeobox	Hs.118651	3087	10
1.7	ARF1	AF052179	200065_s_at	ADP-ribosylation factor 1	Hs.286221	375	1
1.7	CLN5	AI911687	204084_s_at	Ceroid-lipofuscinosis, neuronal 5	Hs.30213	1203	13
1.7	ERGIC2	NM_016570	218135_at	ERGIC and golgi 2	Hs.339453	51290	12
1.6	CNOT1	BC000779	200860_s_at	CCR4-NOT transcription complex, subunit 1	Hs.716474	23019	16
1.6	COX7A2	NM_001865	201597_at	Cytochrome c oxidase subunit VIIa polypeptide 2 (liver)	Hs.70312	1347	6
1.6	KLHDC10	AF277175	210111_s_at	Kelch domain containing 10	Hs.520710	23008	7
1.6	CCNG2	AW134535	202769_at	Cyclin G2	Hs.13291	901	4
1.6	RIOK3	NM_003831	202131_s_at	RIO kinase 3 (yeast)	Hs.719109	8780	18
1.6	AP2S1	NM_004069	202120_x_at	Adaptor-related protein complex 2, sigma 1 subunit	Hs.119591	1175	19
1.6	C6orf120	BF197222	221786_at	Chromosome 6 open reading frame 120	Hs.591375	387263	6
1.6	TSPAN31	NM_005981	203227_s_at	Tetraspanin 31	Hs.632708	6302	12
1.6	ZNF267	AU150728	219540_at	zinc finger 267	Hs.613692	-	16
1.6	URG4	NM_017920	218601_at	Up-regulated gene 4	Hs.709317	55665	7
1.6	MR1	AF031469	210224_at	Major histocompatibility complex, class I-related	Hs.101840	3140	1
1.6	TIAM1	U90902	213135_at	T-cell lymphoma invasion and metastasis 1	Hs.517228	7074	21
1.6	DOK3	BC004564	223553_s_at	Docking protein 3			
1.6	GYS1	NM_002103	201673_s_at	Glycogen synthase 1 (muscle)	Hs.386225	2997	19
1.6	CDK19	AI738802	212897_at	Transcribed locus	Hs.584867	-	6
1.6	ETS2	AL575509	201328_at	V-ets erythroblastosis virus E26 oncogene homolog 2 (avian)	Hs.644231	2114	21
1.6	USP4	AI346043	202681_at	Transcribed locus	Hs.714416	-	3
1.6	ELP4	NM_019040	203829_at	Elongation protein 4 homolog ( <i>S. cerevisiae</i> )	Hs.175534	26610	11
1.6	CTNND1	NM_001331	208407_s_at	Catenin (cadherin-associated protein), delta 1	Hs.166011	1500	11
1.6	SPAG7	NM_004890	200053_at	Sperm associated antigen 7	Hs.90436	9552	17
1.6	ACOX1	S69189	209600_s_at	Acyl-Coenzyme A oxidase 1, palmitoyl	Hs.464137	51	17
1.6	TRIP10	NM_004240	202734_at	Thyroid hormone receptor interactor 10	Hs.515094	9322	19

## Up-Regulated Transcripts (u133A U133B)

1.6	COG4	AK022874	212189_s_at	Component of oligomeric golgi complex 4	Hs.208680	25839	16
1.6	CDC25B	NM_021873	201853_s_at	Cell division cycle 25 homolog B (S. pombe)	Hs.153752	994	20
1.6	ACTR1A	NM_005736	200721_s_at	ARP1 actin-related protein 1 homolog A, cetractin alpha (yeast)	Hs.153961	10121	10
1.6	TRAK2	NM_015049	202125_s_at	Trafficking protein, kinesin binding 2	Hs.152774	66008	2
1.6	EIF2AK1	AW007368	217735_s_at	Eukaryotic translation initiation factor 2-alpha kinase 1	Hs.719136	27102	7
1.6	PSMD2	NM_002808	200830_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 2	Hs.518464	5708	3
1.6	ME2	M55905	210153_s_at	Malic enzyme 2, NAD(+)-dependent, mitochondrial	Hs.233119	4200	18
1.6	TFG	NM_006070	217839_at	TRK-fused gene	Hs.518123	10342	3
1.6	SIP1	AB037703	211115_x_at	Survival of motor neuron protein interacting protein 1	Hs.708127	8487	14
1.6	NUP85	NM_024844	218014_at	Nucleoporin 85kDa	Hs.362817	79902	17
1.6	NDUFAF1	NM_016013	204125_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1	Hs.106529	51103	15
1.6	SLC1A4	AI889380	212811_x_at	Solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	Hs.654352	6509	2
1.6	LARP1	AV746402	212137_at	La ribonucleoprotein domain family, member 1	Hs.292078	23367	5
1.6	USP47	BE966019	221518_s_at	ubiquitin specific peptidase 47	-	-	-
1.6	BRD8	NM_006696	202227_s_at	Bromodomain containing 8	Hs.519337	10902	5
1.6	HTRA2	AF184911	211152_s_at	HtrA serine peptidase 2	Hs.716372	27429	2
1.6	MBD3	AC005943	41160_at	methyl-CpG binding domain protein 3	-	-	-
1.6	EGR1	AI459194	227404_s_at	Early growth response 1	-	-	-
1.6	FAM173A	NM_023933	219709_x_at	Family with sequence similarity 173, member A	Hs.166244	65990	16
1.6	ESRRA	L38487	1487_at	Estrogen-related receptor alpha	Hs.110849	2101	11
1.6	MICAL2	BE965029	212472_at	Microtubule associated monooxygenase, calponin and LIM domain containing 2	Hs.501928	9645	11
1.6	LOC100133166	AL044170	201383_s_at	Similar to neighbor of BRCA1 gene 1	Hs.277721	100133166	17
1.6	CREB3L2	BE675139	212345_s_at	Transcribed locus	Hs.490273	-	7
1.6	SS18	AW292882	202816_s_at	Synovial sarcoma translocation, chromosome 18	Hs.404263	6760	18
1.6	SH3BP2	AB000463	211250_s_at	SH3-domain binding protein 2	-	6452	-
1.6	GPN3	NM_016301	218461_at	GPN-loop GTPase 3	Hs.634680	51184	12
1.6	CSTF2	NM_001325	204459_at	Cleavage stimulation factor, 3' pre-rNA, subunit 2, 64kDa	Hs.132370	1478	X
1.6	-	AC004544	217249_x_at	cytochrome c oxidase subunit VIIa pseudogene 2	-	1348	-
1.6	GGTLC3	AI344075	215603_x_at	Gamma-glutamyltransferase light chain 3	Hs.454906	728226	22
1.6	CLTB	NM_007097	205172_x_at	Clathrin, light chain (Lcb)	Hs.484241	1212	5
1.6	PTTG1IP	NM_004339	200677_at	Pituitary tumor-transforming 1 interacting protein	Hs.474010	754	21
1.6	TXLNA	AL049795	212300_at	taxilin alpha	-	-	-
1.6	SMC4	AL136877	201664_at	Structural maintenance of chromosomes 4	Hs.58992	10051	3
1.6	ATRN	AL132773	212517_at	attractin	-	-	-
1.6	TMEM39B	NM_018056	218770_s_at	Transmembrane protein 39B	Hs.25544	55116	1
1.6	NDUFS6	NM_004553	203606_at	NADH dehydrogenase (ubiquinone) Fe-S protein 6, 13kDa (NADH-coenzyme Q reductase)	Hs.408257	4726	5
1.6	ANXA7	J04543	209860_s_at	Annexin A7	Hs.631827	310	10
1.6	GPN2	NM_018066	218799_at	GPN-loop GTPase 2	Hs.14333	54707	1
1.6	RAC2	BE138888	213603_s_at	Ras-related C3 botulinum toxin substrate 2 (rho family, small GTP binding protein Rac2)	Hs.517601	5880	22
1.6	C19orf10	AL524093	221739_at	Chromosome 19 open reading frame 10	Hs.465645	56005	19
1.6	NPEPPS	AW055008	201454_s_at	Aminopeptidase puromycin sensitive	Hs.443837	9520	17
1.6	RNASEK	BE744389	224573_at	Ribonuclease, RNase K	-	-	-
1.6	JRKL	NM_003772	206734_at	Jerky homolog-like (mouse)	Hs.105940	8690	11
1.6	TMEM93	NM_031298	221255_s_at	Transmembrane protein 93	Hs.30011	83460	17
1.6	TAOK3	AF181985	221508_at	TAO kinase 3	Hs.644420	51347	12
1.6	EXOSC10	NM_002685	207541_s_at	Exosome component 10	Hs.632368	5394	1
1.5	RPS6	BE741754	200081_s_at	Ribosomal protein S6	-	-	-
1.5	KIF5B	BF223224	201991_s_at	Kinesin family member 5B	Hs.644646	3799	10
1.5	ANGEL2	AU151793	221825_at	Angel homolog 2 (Drosophila)	Hs.157078	90806	1
1.5	CCDC44	NM_016360	221069_s_at	Coiled-coil domain containing 44	Hs.174134	51204	17
1.5	HDLBP	AA515560	221767_x_at	High density lipoprotein binding protein	Hs.471851	3069	2
1.5	CUL3	AF062537	201371_s_at	Cullin 3	Hs.372286	8452	2
1.5	BEX4	AL523320	215440_s_at	Brain expressed, X-linked 4	Hs.184736	56271	X
1.5	CNP	BC001362	208912_s_at	2',3'-cyclic nucleotide 3' phosphodiesterase	Hs.273621	1267	17
1.5	ORC5L	NM_002553	204957_at	Origin recognition complex, subunit 5-like (yeast)	Hs.432948	5001	7
1.5	EXOC2	NM_018303	219349_s_at	Exocyst complex component 2	Hs.484412	55770	6
1.5	GMPPA	NM_013335	218070_s_at	GDP-mannose pyrophosphorylase A	Hs.27059	29926	2

### Up-Regulated Transcripts (u133A U133B)

1.5	BAT5	AL578487	224756_s_at	HLA-B associated transcript 5			
1.5	NBR1	NM_005899	201384_s_at	Neighbor of BRCA1 gene 1	Hs.546264	4077	17
1.5	HPSE	AF155510	222881_at	Heparanase			
1.5	PCGF3	AI692203	212753_at	Polycomb group ring finger 3	Hs.144309	10336	4
1.5	AKT1	NM_005163	207163_s_at	V-akt murine thymoma viral oncogene homolog 1	Hs.525622	207	14
1.5	-	AF056433	212498_at	Cri-du-chat region mRNA, clone NIBB11	Hs.561432	-	5
1.5	PPP3CA	AA911231	202457_s_at	Protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform	Hs.435512	5530	4
1.5	TARS2	NM_025150	221189_s_at	Threonyl-tRNA synthetase 2, mitochondrial (putative)	Hs.288974	80222	1
1.5	ANAPC13	BC005398	209001_s_at	Anaphase promoting complex subunit 13	Hs.106909	25847	3
1.5	BTBD1	NM_025238	217945_at	BTB (POZ) domain containing 1	Hs.459149	53339	15
1.5	HMG1	NM_004965	200944_s_at	High-mobility group nucleosome binding domain 1	Hs.356285	3150	21
1.5	ATP5E	NM_006886	217801_at	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	Hs.177530	514	20
1.5	EPS8L1	NM_017729	218779_x_at	EPS8-like 1	Hs.438862	54869	19
1.5	C19orf72	AI073983	221851_at	Chromosome 19 open reading frame 72	Hs.443636	90379	19
1.5	KIAA0182	D80004	212056_at	KIAA0182	Hs.461647	23199	16
1.5	GNA13	AI928136	224761_at	Guanine nucleotide binding protein (G protein), alpha 13			