

CellType	Symbol	AffymetrixID	UGCluster	EntrezGene	Name
B cells	MS4A1	217418_x_at	Hs.438040	931	membrane-spanning 4-domains, subfamily A, member 1
B cells	TCL1A	209995_s_at	Hs.2484	8115	T-cell leukemia/lymphoma 1A
B cells	MS4A1	210356_x_at	Hs.438040	931	membrane-spanning 4-domains, subfamily A, member 1
B cells	TCL1A	39318_at	Hs.2484	8115	T-cell leukemia/lymphoma 1A
B cells	HLA-DOB	205671_s_at	Hs.1802	3112	major histocompatibility complex, class II, DO beta
B cells	PNOC	205901_at	Hs.88218	5368	prepronociceptin
B cells	KIAA0125	206478_at	Hs.632338, Hs.64925	9834	KIAA0125
B cells	CD19	206398_s_at	Hs.652262	930	CD19 molecule
B cells	CR2	205544_s_at	Hs.445757	1380	complement component (3d/Epstein Barr virus) receptor 2
B cells	IGHG1	213674_x_at	Hs.510635	3500	immunoglobulin heavy constant gamma 1 (G1m marker)
B cells	FCRL2	221239_s_at	Hs.437393	79368	Fc receptor-like 2
B cells	BLK	206255_at	Hs.146591	640	B lymphoid tyrosine kinase
B cells	IGHG1	222285_at	Hs.510635	3500	immunoglobulin heavy constant gamma 1 (G1m marker)
B cells	COCH	205229_s_at	Hs.21016	1690	coagulation factor C homolog, cochlin (Limulus polyphemus)
B cells	OSBPL10	219073_s_at	Hs.150122	114884	oxysterol binding protein-like 10
B cells	IGHA1	215118_s_at	Hs.648398	3493	immunoglobulin heavy constant alpha 1
B cells	TNFRSF17	206641_at	Hs.2556	608	tumor necrosis factor receptor superfamily, member 17
B cells	ABCB4	207819_s_at	Hs.654403	5244	ATP-binding cassette, sub-family B (MDR/TAP), member 4
B cells	BLNK	207655_s_at	Hs.665244	29760	B-cell linker
B cells	GLDC	204836_at	Hs.584238	2731	glycine dehydrogenase (decarboxylating)
B cells	MEF2C	209200_at	Hs.654474	4208	myocyte enhancer factor 2C
B cells	MEF2C	209199_s_at	Hs.654474	4208	myocyte enhancer factor 2C
B cells	IGHM	209374_s_at	Hs.510635	3507	immunoglobulin heavy constant mu
B cells	FAM30A	220377_at	Hs.649259	29064	family with sequence similarity 30, member A
B cells	SP1B	205861_at	Hs.437905	6689	Sp1-B transcription factor (Sp1-1/PU.1 related)
B cells	BCL11A	219497_s_at	Hs.370549	53335	B-cell CLL/lymphoma 11A (zinc finger protein)
B cells	GNNG7	206896_s_at	Hs.515544	2788	guanine nucleotide binding protein (G protein), gamma 7
B cells	IGKC	215217_at	Hs.449621	3514	immunoglobulin kappa constant
B cells	CD72	215925_s_at	Hs.116481	971	CD72 molecule
B cells	MICAL3	212715_s_at	Hs.528024, Hs.64643	57553	microtubule associated monooxygenase, calponin and LIM domain containing 3
B cells	BCL11A	210347_s_at	Hs.370549	53335	B-cell CLL/lymphoma 11A (zinc finger protein)
B cells	BACH2	221234_s_at	Hs.269764	60468	BTB and CNC homology 1, basic leucine zipper transcription factor 2
B cells	IGL@	217138_x_at	Hs.449585	3535	immunoglobulin lambda locus
B cells	CCR9	207445_s_at	Hs.225946	10803	chemokine (C-C motif) receptor 9
B cells	QRSL1	218948_at	Hs.406917	55278	glutaminyl-HRNA synthase (glutamine-hydrolyzing)-like 1
B cells	DTNB	215565_at	Hs.307720	1838	dystrobrein, beta
B cells	HLA-DQA1	212671_s_at	Hs.387679	3117	major histocompatibility complex, class II, DQ alpha 1
B cells	SCN3A	210432_s_at	Hs.435274, Hs.67109	6328	sodium channel, voltage-gated, type III, alpha subunit
B cells	QRSL1	218949_s_at	Hs.406917	55278	glutaminyl-HRNA synthase (glutamine-hydrolyzing)-like 1
B cells	SLC15A2	205316_at	Hs.518089	6565	solute carrier family 15 (H+/peptide transporter), member 2
T cells	PRKCO	210038_at	Hs.498570	5588	protein kinase C, theta
T cells	CD3D	213539_at	Hs.504048	915	CD3d molecule, delta (CD3-TCR complex)
T cells	CD3G	206804_at	Hs.2259	917	CD3g molecule, gamma (CD3-TCR complex)
T cells	CD28	206545_at	Hs.591629	940	CD28 molecule
T cells	LCK	204891_s_at	Hs.470627	3932	lymphocyte-specific protein tyrosine kinase
T cells	TRA11	217147_s_at	Hs.138701	50852	T cell receptor associated transmembrane adaptor 1
T cells	PRKCO	210039_s_at	Hs.498570	5588	protein kinase C, theta
T cells	BCL11B	219528_s_at	Hs.510396	64919	B-cell CLL/lymphoma 11B (zinc finger protein)
T cells	CD2	205831_at	Hs.523500	914	CD2 molecule
T cells	LCK	204890_s_at	Hs.470627	3932	lymphocyte-specific protein tyrosine kinase
T cells	TRBC1	213193_x_at	Hs.654496	28639	T cell receptor beta constant 1
T cells	TRBC1	210915_x_at	Hs.654496	28639	T cell receptor beta constant 1
T cells	TRA@	209670_at	Hs.74647	28755	T cell receptor alpha constant
T cells	ITM2A	202747_s_at	Hs.17109	9452	integral membrane protein 2A
T cells	SH2D1A	210116_at	Hs.349094	4068	SH2 domain protein 1A, Duncan's disease (lymphoproliferative syndrome)
T cells	CD6	213958_at	Hs.643167	923	CD6 molecule
T cells	CD96	206761_at	Hs.142023	10225	CD96 molecule
T cells	NCAALD	211685_s_at	Hs.492427, Hs.68013	83988	neurocalcin delta
T cells	GIMAP5	218805_at	Hs.647079	55340	GTPase, IMAP family member 5
T cells	TRA@	209671_x_at	Hs.74647	6955	T cell receptor alpha locus
T cells	CD3E	205456_at	Hs.3003	916	CD3e molecule, epsilon (CD3-TCR complex)
T cells	SKAP1	205790_at	Hs.316931	8631	src kinase associated phosphoprotein 1
T cells	TRA@	213830_at	Hs.74647	6955	T cell receptor alpha locus
T cells	TRA@	216191_s_at	Hs.74647	6955	T cell receptor alpha locus
T helper cells	ICOS	210439_at	Hs.56247	29851	inducible T-cell co-stimulator
T helper cells	LRBA	214109_at	Hs.480938	987	LPS-responsive vesicle trafficking, beach and anchor containing
T helper cells	ITM2A	202746_at	Hs.17109	9452	integral membrane protein 2A
T helper cells	FAM111A	218248_at	Hs.150651	63901	family with sequence similarity 111, member A
T helper cells	PHF10	219126_at	Hs.435933	55274	PHD finger protein 10
T helper cells	NUP107	218768_at	Hs.524574	57122	nucleoporin 107kDa
T helper cells	SEC24C	202361_at	Hs.654429	9632	SEC24 related gene family, member C (S. cerevisiae)
T helper cells	NAP1L4	201414_s_at	Hs.501684	4676	nucleosome assembly protein 1-like 4
T helper cells	BATF	205965_at	Hs.509964	10538	basic leucine zipper transcription factor, ATF-like
T helper cells	ASF1A	203428_s_at	Hs.292316	25842	ASF1 anti-silencing function 1 homolog A (S. cerevisiae)
T helper cells	FRYL	212546_s_at	Hs.631525, Hs.64632	285527	FRY-like
T helper cells	FUSIP1	213594_x_at	Hs.3530, Hs.652334	10772	FUS interacting protein (serine/arginine-rich) 1
T helper cells	TRA@	215524_x_at	Hs.74647, Hs.499145	10730	YME1-like 1 (S. cerevisiae)
T helper cells	TRA@	217412_at		6955	
T helper cells	RPA1	201528_at	Hs.461925, Hs.59556	6117	replication protein A1, 70kDa
T helper cells	UBE2L3	200683_s_at	Hs.108104, Hs.69370	7332	ubiquitin-conjugating enzyme E2L 3
T helper cells	ANP32B	201306_s_at	Hs.494604	10541	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B
T helper cells	DDX50	221699_s_at	Hs.522984	79009	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50
T helper cells	C13orf34	219544_at	Hs.653132	79866	chromosome 13 open reading frame 34
T helper cells	PPP2R5C	213305_s_at	Hs.368264	5527	protein phosphatase 2, regulatory subunit B', gamma isoform
T helper cells	SLC25A12	203340_s_at	Hs.470608	8604	solute carrier family 25 (mitochondrial carrier, Aralar), member 12
T helper cells	ATF2	205446_s_at	Hs.694722	1386	activating transcription factor 2
T helper cells	CD28	211856_x_at	Hs.591629	940	CD28 molecule
T helper cells	GOLGA8A	208798_x_at	Hs.182982	23015	golgi autoantigen, golgin subfamily a, 8A
Tcm	CDC14A	210441_at	Hs.127411	8556	CDC14 cell division cycle 14 homolog A (S. cerevisiae)
Tcm	ATM	208442_s_at	Hs.367437	472	ataxia telangiectasia mutated
Tcm	USP9Y	206624_at	Hs.655309	8287	ubiquitin specific peptidase 9, Y-linked (fat facets-like, Drosophila)
Tcm	PCNX	215175_at	Hs.446559	22990	pecanex homolog (Drosophila)
Tcm	ATM	210858_x_at	Hs.367437	472	ataxia telangiectasia mutated
Tcm	FOXP1	215221_at	Hs.431498	27086	forkhead box P1
Tcm	KLF12	206965_at	Hs.373857, Hs.59250	11278	Kruppel-like factor 12
Tcm	ST3GAL1	215874_at	Hs.584803	6482	ST3 beta-galactoside alpha-2,3-sialyltransferase 1
Tcm	INPP4B	215864_at	Hs.658245	8821	inositol polyphosphate-4-phosphatase, type II, 105kDa
Tcm	CASP8	207686_s_at	Hs.655983	841	caspase 8, apoptosis-related cysteine peptidase
Tcm	MLL	216624_s_at	Hs.258855, Hs.66447	4297	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila)
Tcm	PCM1	209997_x_at	Hs.491148	5108	pericentriolar material 1
Tcm	RP11-74E24.2	205787_x_at	Hs.546686	441155	zinc finger CCCH-type domain-containing pseudogene
Tcm	PHC3	215521_at	Hs.529592, Hs.69446	80012	polyhomeotic homolog 3 (Drosophila)
Tcm	NFATC3	210556_at	Hs.632209	4775	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3
Tcm	LOC202134	215133_s_at	Hs.646912, Hs.65568	202134	hypothetical protein LOC202134
Tcm	TIMM8A	210800_at	Hs.447877	1678	translocase of inner mitochondrial membrane 8 homolog A (yeast)
Tcm	ATF7IP	216197_at	Hs.591151	55729	activating transcription factor 7 interacting protein
Tcm	REPS1	215201_at	Hs.334603	85021	RALBP1 associated Eps domain containing 1
Tcm	PSPC1	215083_at	Hs.213198	55269	paraspeckle component 1
Tcm	RPP38	215743_at	Hs.60339	9397	N-myristoyltransferase 2
Tcm	HNRPH1	213472_at	Hs.604001	3187	heterogeneous nuclear ribonucleoprotein H1 (H)
Tcm	STX16	221638_s_at	Hs.307913	8675	syntaxin 16

Table S1 (1/6)