

Eosinophils	LRP5L	214873_at	Hs.634058	91355 low density lipoprotein receptor-related protein 5-like
Eosinophils	SYNJ1	207594_s_at	Hs.473632	8867 synaptobranin 1
Eosinophils	SYNJ1	212990_at	Hs.473632	8867 synaptobranin 1
Eosinophils	THBS4	204776_at	Hs.211426	7060 thrombospondin 4
Eosinophils	GPR44	206361_at	Hs.299567	11251 G protein-coupled receptor 44
Eosinophils	KBTBD11	204301_at	Hs.5333	9920 kelch repeat and BTB (POZ) domain containing 11
Eosinophils	HES1	203394_s_at	Hs.250666	3280 hairy and enhancer of split 1, (Drosophila)
Eosinophils	ABHD2	205666_at	Hs.122337, Hs.66646	11057 abhydrolase domain containing 2
Eosinophils	TIPARP	212665_at	Hs.12813, Hs.547611	25976 TCDD-inducible poly(ADP-ribose) polymerase
Eosinophils	SMPD3	219695_at	Hs.368421	55512 sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)
Eosinophils	MYO15B	59375_at	Hs.390817	80022 myosin XVb pseudogene
Eosinophils	TGIF1	203313_s_at	Hs.373550	7050 TGFB-induced factor homeobox 1
Eosinophils	RRP12	216360_X_at	Hs.434251	23223 ribosomal RNA processing 12 homolog (S. cerevisiae)
Eosinophils	ACACB	43427_at	Hs.234898	32 acetyl-Coenzyme A carboxylase beta
Eosinophils	IGSF2	207167_at	Hs.654598	9398 immunoglobulin superfamily, member 2
Eosinophils	HES1	203395_s_at	Hs.250666	3280 hairy and enhancer of split 1, (Drosophila)
Eosinophils	RCOR3	218344_s_at	Hs.356399	55785 REST corepressor 3
Eosinophils	EPN2	203463_s_at	Hs.655086	22905 epsin 2
Eosinophils	C9orf156	222195_s_at	Hs.9196	51531 chromosome 9 open reading frame 156
Eosinophils	SIAH1	202981_X_at	Hs.295923	6477 seven in absenta homolog 1 (Drosophila)
Eosinophils	ACACB	221928_at	Hs.234898	32 acetyl-Coenzyme A carboxylase beta
Macrophages	MARCO	205819_at	Hs.67726	8685 macrophage receptor with collagenous structure
Macrophages	CXCL5	214974_X_at	Hs.89714	6374 chemokine (C-X-C motif) ligand 5
Macrophages	SCG5	203889_at	Hs.156540	6447 secretogranin V (T72 protein)
Macrophages	SULT1C2	205342_s_at	Hs.436123	6819 sulfotransferase family, cytosolic, 1C, member 2
Macrophages	SULT1C2	211470_s_at	Hs.436123	6819 sulfotransferase family, cytosolic, 1C, member 2
Macrophages	MSR1	214770_at	Hs.147635	4481 macrophage scavenger receptor 1
Macrophages	CTSK	202450_s_at	Hs.632466	1513 cathepsin K
Macrophages	PTGDS	221287_X_at	Hs.446429	5730 prostaglandin D2 synthase 21kDa (brain)
Macrophages	COLEC12	221019_s_at	Hs.464422	81035 collectin sub-family member 12
Macrophages	GPC4	204984_at	Hs.58367	2239 glycan 4
Macrophages	MSR1	208423_s_at	Hs.147635	4481 macrophage scavenger receptor 1
Macrophages	PCOLCE2	219295_s_at	Hs.8944	26577 procollagen C-endopeptidase enhancer 2
Macrophages	CHIT1	208168_s_at	Hs.201688	1118 chitinase 1 (chitotriosidase)
Macrophages	PTGDS	211748_X_at	Hs.446429	5730 prostaglandin D2 synthase 21kDa (brain)
Macrophages	KAL1	205206_at	Hs.521869	3730 Kallmann syndrome 1 sequence
Macrophages	CLEC5A	219890_at	Hs.446235	23601 C-type lectin domain family 5, member A
Macrophages	GPC4	204983_s_at	Hs.58367	2239 glycan 4
Macrophages	ME1	204058_at	Hs.21160	4199 malic enzyme 1, NADP(+)-dependent, cytosolic
Macrophages	DNASE2B	220380_at	Hs.129142	58511 deoxyribonuclease II beta
Macrophages	CCL7	208075_s_at	Hs.251526	6354 chemokine (C-C motif) ligand 7
Macrophages	FN1	214701_s_at	Hs.203717	2335 fibronectin 1
Macrophages	CD163	203645_s_at	Hs.504641	9332 CD163 molecule
Macrophages	GM2A	215891_s_at	Hs.483873	2760 GM2 ganglioside activator
Macrophages	SCARB2	201647_s_at	Hs.349656	950 scavenger receptor class B, member 2
Macrophages	BCAT1	214452_at	Hs.438993	586 branched chain aminotransferase 1, cytosolic
Macrophages	BCAT1	214390_s_at	Hs.438993	586 branched chain aminotransferase 1, cytosolic
Macrophages	RA14	202052_s_at	Hs.431400	28064 retinoic acid induced 14
Macrophages	MSR1	211887_X_at	Hs.147635	4481 macrophage scavenger receptor 1
Macrophages	COL8A2	52651_at	Hs.353001	1296 collagen, type VIII, alpha 2
Macrophages	CD163	215049_at	Hs.504641	9332 CD163 molecule
Macrophages	APOE	203381_s_at	Hs.654439	348 apolipoprotein E
Macrophages	CHI3L1	203936_s_at	Hs.382202	1116 chitinase 3-like 1 (cartilage glycoprotein-39)
Macrophages	ATG7	218673_s_at	Hs.38032	10533 ATG7 autophagy related 7 homolog (S. cerevisiae)
Macrophages	CD84	211190_X_at	Hs.398093	8832 CD84 molecule
Macrophages	FDX1	203646_at	Hs.744	2230 ferredoxin 1
Macrophages	MS4A4A	219607_s_at	Hs.325960	51338 membrane-spanning 4-domains, subfamily A, member 4
Macrophages	SGMS1	212989_at	Hs.654698	25923 sphingomyelin synthase 1
Macrophages	EMP1	201324_at	Hs.436298	2012 epithelial membrane protein 1
Macrophages	CYBB	203922_s_at	Hs.292356	1536 cytochrome b-245, beta polypeptide (chronic granulomatous disease)
Macrophages	CD68	203507_at	Hs.647419	968 CD68 molecule
Mast cells	PRG2	211743_s_at	Hs.512633	5553 proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)
Mast cells	CTSG	205653_at	Hs.421724	1511 cathepsin G
Mast cells	TPSAB1	215382_X_at	Hs.405479	7177 tryptase alpha/beta 1
Mast cells	SLC18A2	205857_at	Hs.654476	6571 solute carrier family 18 (vesicular monoamine), member 2
Mast cells	TPSAB1	205683_at	Hs.405479	7177 tryptase alpha/beta 1
Mast cells	MS4A2	207497_s_at	Hs.386748	2206 membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for, beta polypeptide)
Mast cells	CPA3	205624_at	Hs.646	1359 carboxypeptidase A3 (mast cell)
Mast cells	TPSB2	207134_X_at	Hs.405479, Hs.59298	64499 tryptase beta 2
Mast cells	TPSAB1	216474_X_at	Hs.405479	7177 tryptase alpha/beta 1
Mast cells	NM_003293	207741_X_at	Hs.405479, Hs.59298	64499 tryptase beta 2
Mast cells	TPSAB1	210084_at	Hs.405479	7177 tryptase alpha/beta 1
Mast cells	MS4A2	207496_at	Hs.386748	2206 membrane-spanning 4-domains, subfamily A, member 2 (Fc fragment of IgE, high affinity I, receptor for, beta polypeptide)
Mast cells	TPSAB1	217023_X_at	Hs.405479	7177 tryptase alpha/beta 1
Mast cells	GATA2	209710_at	Hs.367725	2624 GATA binding protein 2
Mast cells	HDC	207067_s_at	Hs.1481	3067 histidine decarboxylase
Mast cells	LOH11CR2A	210102_at	Hs.152944	4013 loss of heterozygosity, 11, chromosomal region 2, gene A
Mast cells	SIGLE6	210796_X_at	Hs.397255	946 sialic acid binding Ig-like lectin 6
Mast cells	ELA2	206871_at	Hs.99863	1991 elastase 2, neutrophil
Mast cells	LOH11CR2A	205011_at	Hs.152944	4013 loss of heterozygosity, 11, chromosomal region 2, gene A
Mast cells	CMA1	214533_at	Hs.135626	1215 chymase 1, mast cell
Mast cells	SIGLE6	206520_X_at	Hs.397255	946 sialic acid binding Ig-like lectin 6
Mast cells	PGDS	206726_at	Hs.128433	27306 prostaglandin D2 synthase, hematopoietic
Mast cells	MLPH	182111_s_at	Hs.102406	79083 melanophilin
Mast cells	ADCYAP1	206281_at	Hs.592343	116 adenylate cyclase activating polypeptide 1 (pituitary)
Mast cells	SIGLE6	206519_X_at	Hs.397255	946 sialic acid binding Ig-like lectin 6
Mast cells	SLC24A3	57588_at	Hs.654790	57419 solute carrier family 24 (sodium/potassium/calcium exchanger), member 3
Mast cells	CALB2	205428_s_at	Hs.106857	794 calbindin 2, 29kDa (calretinin)
Mast cells	SLC24A3	219050_at	Hs.654790	57419 solute carrier family 24 (sodium/potassium/calcium exchanger), member 3
Mast cells	KIT	205051_s_at	Hs.479754	3815 v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog
Mast cells	TAL1	206283_s_at	Hs.525198	6886 T-cell acute lymphocytic leukemia 1
Mast cells	ABCC4	203196_at	Hs.508423	10257 ATP-binding cassette, sub-family C (CFTR/MRP), member 4
Mast cells	PPM1H	212868_at	Hs.435479	57460 protein phosphatase 1H (PP2C domain containing)
Mast cells	MAOB	204041_at	Hs.654473	4129 monoamine oxidase B
Mast cells	HPGD	211549_s_at	Hs.655491	3248 hydroxyprostaglandin dehydrogenase 15-(NAD)
Mast cells	SCG2	204035_at	Hs.516726	7857 secretogranin II (chromogranin C)
Mast cells	PTGS1	205127_at	Hs.201978	5742 prostaglandin-endoperoxide synthase 1 (prostaglandin G/H synthase and cyclooxygenase)
Mast cells	CEACAM8	206676_at	Hs.41	1088 carcinoembryonic antigen-related cell adhesion molecule 8
Mast cells	MPO	203949_at	Hs.458272	4353 myeloperoxidase
Mast cells	NR0B1	206645_s_at	Hs.268490	190 nuclear receptor subfamily 0, group B, member 1
Mast cells	LOC339524	215039_at	Hs.306423, Hs.61529	339524 hypothetical protein LOC339524
Neutrophils	CSF3R	203591_s_at	Hs.524517	1441 colony stimulating factor 3 receptor (granulocyte)
Neutrophils	CYP4F3	206515_at	Hs.106242	4051 cytochrome P450, family 4, subfamily F, polypeptide 3
Neutrophils	VNN3	220528_at	Hs.183656	55350 vanin 3
Neutrophils	FPR1	210773_s_at	Hs.99855	2358 formyl peptide receptor-like 1
Neutrophils	KCNJ15	216782_at	Hs.411299	3772 potassium inwardly-rectifying channel, subfamily J, member 15
Neutrophils	MME	203434_s_at	Hs.307734	4311 membrane metallo-endopeptidase
Neutrophils	IL8RA	207094_at	Hs.194778	3577 interleukin 8 receptor, alpha
Neutrophils	IL8RB	207008_at	Hs.846	3579 interleukin 8 receptor, beta
Neutrophils	MME	203435_s_at	Hs.307734	4311 membrane metallo-endopeptidase
Neutrophils	FCGR3B	204007_at	Hs.372679	2215 Fc fragment of IgG, low affinity IIb, receptor (CD16b)
Neutrophils	DYSF	218660_at	Hs.252180	8291 dysferlin, limb girdle muscular dystrophy 2B (autosomal recessive)
Neutrophils	KCNJ15	211806_s_at	Hs.411299	3772 potassium inwardly-rectifying channel, subfamily J, member 15
Neutrophils	FCAR	211816_X_at	Hs.659872	2204 Fc fragment of IgA, receptor for
Neutrophils	FCAR	211307_s_at	Hs.659872	2204 Fc fragment of IgA, receptor for
Neutrophils	CEACAM3	210789_X_at	Hs.11	1084 carcinoembryonic antigen-related cell adhesion molecule 3
Neutrophils	FPRL1	210772_at	Hs.99855	2358 formyl peptide receptor-like 1

Table S1 (5/6)