

Supplemental Table 1 new.xls

Entrez Gene	Affymetrix Probe ID	Entrez Gene ID	Gene	Fwd Primer Name	Fwd Primer Sequence	Rev Primer Name	Rev Primer Sequence	Match to qPCR	IFNα2b inducible	In SAM CD4 list	In SAM CD8 list
TOP2A	201292_at	7153	topoisomerase (DNA) II alpha 170kDa	HsTOP2A:F2	AAGCAACTAAAGGGATCCAGCTT	HsTOP2A:R2	TCTTGGTTTTGGCAGGATCAG	match	no	Up	Up
UBE2L6	201649_at	9246	ubiquitin-conjugating enzyme E2L 6	HsUBE2L6:F1	CACGGTAGTGACCAATCTGAAG	HsUBE2L6:R1	GGATGGCAAGTGGTTTTGAAA	match	no	Up	Up
RRM2	201890_at	6241	ribonucleotide reductase M2 polypeptid	HsRRM2:F1	GCTGAGACATTGGCATGAAAAGA	HsRRM2:R1	ATTAACAAATGGGGCCAAAA	match	no	Up	Up
MX1	202086_at	4599	myxovirus (influenza virus) resistance 1, interferon-inducible protein 1	HsMX1:F6	CGGGTAGCCACTGGACGTA	HsMX1:R6	AACGGATAAGCAGACGACGAGTA	match	no	Up	Up
BIRC5	202095_s_at	332	baculoviral IAP repeat-containing 5 (survivin)	HsBIRC5:F1	TAGGAAGCGCTTGGCAGACTACTC	HsBIRC5:R1	GCGTCACTGGGCGCTGTCTAA	match	no	Up	Up
LY6E	202145_at	4061	lymphocyte antigen 6 complex, locus E	HsLY6E:F1	TTTCCACCCCTGTTTTCTTCC	HsLY6E:R1	TTGCAGACCCCAATCTGCTT	match	no	Up	Up
GBP1	202270_at	2633	guanylate binding protein 1, interferon-inducible, 67kDa OR guanylat	HsGBP1:F1	CAAGCTAAAGCAAAACCCTT	HsGBP1:R1	GTGTTTTCTTCCACTTCCCT	match	no	Up	Up
PLSCR1	202446_s_at	5359	phospholipid scramblase 1	HsPLSCR1:F1	AAGAAGACACATTTTAAATCTCCTTCA	HsPLSCR1:R1	TGTAAGAGCTAAACATTTCATGAGAAATATTAA	match	no	Up	Up
TYMS	202589_at	7298	thymidylate synthetase	HsTYMS:F1	TGAAGAAAGTAGGGAGAAATGAAATG	HsTYMS:R1	CGTGGGATTGAAATGCACATAC	match	no	Up	Up
OAS1	202869_at	4938	2',5'-oligoadenylate synthetase 1, 40/46kDa	HsOAS1:F1	TATAGTGACAGCGCTGCTCCATATT	HsOAS1:R1	GGGATGTGAAAATCCAGAAACC	match	no	Up	Up
IFIT1	203153_at	3434	interferon-induced protein with tetratricopeptide repeats 1 OR interfe	HsIFIT1:100f		HsIFIT1:169r		match	no	Up	Up
PTTG1	203554_x_at	9232	pituitary tumor-transforming 1	HsPTTG1:F2	CATGATCCTTGACGAGGAGA	HsPTTG1:R2	GAGAGGGCATCTTCCACAGT	match	no	Up	Up
EIF2AK2	204211_x_at	5610	eukaryotic translation initiation factor 2-alpha kinase	HsPRKR:F10	CCACCCTAAGTATTTTTGTGTTTTTA	HsPRKR:R10	GGATTACTTGGAGCTCAGGATTTGAG	match	no	Up	Up
IF1P3	204415_at	2537	interferon, alpha-inducible protein (clone IF1-6-1f)	HsIF1P3:F5	GGCTACGCCACCACCAAG	HsIF1P3:R5	CTGGGAGCTGCTGGCTACTC	match	no	Up	Up
IFI44L	204439_at	10964	interferon-induced protein 44-like	HsC1orf29:F1	AGTTCAAAGCCCAAAACCCTG	HsC1orf29:R1	AAATATGAGGGGGTGGTTTG	match	yes	Up	Up
IFIT3	204747_at	3437	interferon-induced protein with tetratricopeptide repeats	HsIFIT4:F1	ATCTGAGCTTGAGGATGGTAGTGA	HsIFIT4:R1	CTCTCTGGGACTGGAGCTGACT	match	no	Up	Up
OAS2	204972_at	4939	2'-5'-oligoadenylate synthetase 2, 69/71kDa	HsOAS2:F1	GACACCAGGAAGTTGTGGAGCTA	HsOAS2:R1	TTACAGGATCTATGGCTTCTGGAT	match	yes	Up	Up
MX2	204994_at	4600	myxovirus (influenza virus) resistance 2 (mouse)	HsMX2:F3	CACCTAGCAAGTAGTGCTGTGT	HsMX2:R3	GGCCTGGCTTGAAGCAATA	match	no	Up	Up
SCO2	205241_at	9997	SCO cytochrome oxidase deficient homolog 2 (yeast)	HsSCO2:F1	TACATCGTGGACCACTCCAT	HsSCO2:R1	GGCCGTAGTAATCCGTAAG	match	no	Up	Up
G1P2	205483_s_at	9636	interferon, alpha-inducible protein (clone IF1-15k)	HsG1P2:F1	GGTGAACAATGCGACGAA	HsG1P2:R1	TGCTGCGGCCCTTGTAT	match	no	Up	Up
LAMP3	205569_at	27074	lysosomal-associated membrane protein 3	HsLAMP3:F2	HsLAMP3:F2	HsLAMP3:R2	GGCAGGCTGCTCTACAGAA	match	no	Up	Up
OASL	205660_at	8638	2'-5'-oligoadenylate synthetase-like	HsOASL:F5	TGCCATCTGCTCAGAACTCA	HsOASL:R5	GGGACCTCCCGATAGACAA	match	no	Up	Up
CD38	205692_s_at	952	CD38 antigen (p45)	HsCD38:F1	CCTGCAAGTTTCTCAGTGTGA	HsCD38:R1	CCACAGCACTGGCTCAGA	match	no	Up	Up
BIRC4BP	206133_at	54739	XIAP associated factor-1	HsHSXIAPAF1:F2	TTGCTGGTGGCTTGTGAA	HsHSXIAPAF1:R2	GTTCCTGCCAAACCTTTCTTTTAAA	match	no	Up	Up
LAG3	206486_at	3902	lymphocyte-activation gene 3	HsLAG3:F1	GACAAGCAAGCTTTGTGG	HsLAG3:R1	GCCAAAGCTTGGAAACTC	match	no	Up	Up
AIM2	206513_at	9447	absent in melanoma 2	HsAIM2:F2	GCCTCAGTGTGTAGATGC	HsAIM2:R2	GTTCACGGGGACATTAACCT	match	no	Up	Up
CCR5	206991_s_at	1234	chemokine (C-C motif) receptor 5	HsCCR5:F3	GGTGAAGCTTGTGGCTCA	HsCCR5:R3	CAACCTTAAGCAAAAAGGAAGCAATT	match	no	Up	Up
IFI16	208965_s_at	3428	interferon, gamma-inducible protein 1f	HsIFI16:F2	GAAAGCCAGCACTAGTCCAGTA	HsIFI16:R2	CTGCAAGATAACAAGGAAAAGG	match	no	Up	Up
IFI35	209417_s_at	3430	interferon-induced protein 3f	HsIFI35:F3	CCCCCAAGTTCCTCACA	HsIFI35:R3	GGTGAACATACAGACCTATATGG	match	no	Up	Up
STAT1	209969_s_at	6772	signal transducer and activator of transcription 1, 91kD	HsSTAT1:F2	GAGAAGCTCATATTTTCGCTGATA	HsSTAT1:R2	AGGAGAGAGATGGAACCAATTCGA	match	no	Up	Up
MT1F	213629_x_at	4494	metallothionein 1F (functional)	HsMT1F:F1	AGGCAACCTTTCTCCAGA	HsMT1F:R1	GTAGCAAAATGGCTCAAGTG	match	yes	Up	Up
RSAD2	213797_at	91543	radical S-adenosyl methionine domain containing	HsCig5:F2	AGAAAGCAAGCATAGGAAAATG	HsCig5:R2	GGGATTTTCCCAAGGAGGAT	match	no	Up	Up
IFI44	214453_s_at	10561	interferon-induced protein 4f	HsIFI44:F2	TGGCCCTGTAAAGGATGTC	HsIFI44:R2	GAAGTCATCTGACGCCATA	match	yes	Up	Up
LAP3	217933_s_at	51056	leucine aminopeptidase 3	HsLAP3:F2	CATTGAGTCTTACTCGTTTCAGTCA	HsLAP3:R2	GTCCAATTAAGCAGAGTGAAGACATT	match	no	Up	Up
OAS3	218400_at	4940	2'-5'-oligoadenylate synthetase 3, 100kDa	HsOAS3:F2	CCTGAGGCTGGTACGCTAA	HsOAS3:R2	CACCTAGTTCATTTGCTGATTA	match	no	Up	Up
PARP12	218543_s_at	64761	poly (ADP-ribose) polymerase family, member 12	HsFLJ22693:F2	GGAGCTACTTTGCCGAGATG	HsFLJ22693:R2	GGGCTCGGTGTCGGATT	match	no	Up	Up
C22orf18	218741_at	79019	chromosome 22 open reading frame 18	HsMGCC861:F1	GCTCTGCTGCTACTCATAA	HsMGCC861:R1	TCAGCCCTGACTGGACAT	match	no	Up	Up
HERC6	219352_at	55008	hect domain and RLD 6	HsFLJ20637:F1	GTCCATTCAGGACCTTCAT	HsFLJ20637:R1	CAATCAGCCCTGATGGT	match	yes	Up	Up
FLJ23235	220169_at	80008	hypothetical protein FLJ23235	HsFLJ23235:F1	GAAAGGGCCCTGGTTGTTTA	HsFLJ23235:R1	GGTGTCAAAGGGCAGCAAA	match	yes	Up	Up
DNAPTP6	222154_s_at	26010	DNA polymerase-transactivated protein 6	HsDKFPZ564A2416:F1	TCCGATATGGTTGTGTCATC	HsDKFPZ564A2416:R1	GATCAAGCAAGCCATGAAA	match	yes	Up	Up
MCM6	201930_at	4175	MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S)	HsMCM6:F2	GCATTAAGAGGAGCGAGCTTG	HsMCM6:R2	TCTTCTCAGAGTCTATCTCTGATCGA	match	no	NC	Up
2 OR PALM2-A	202760_s_at	17 OR 44f	A kinase (PRKA) anchor protein 2 OR PALM2-AKAP2 protein	HsAKAP2:F1	CAGAGTGACCTGGCCACTTG	HsAKAP2:R1	AGAAAATTCACCTCCACTCTGTAAG	match	no	NC	Up
LGAL59	203236_s_at	3965	lectin, galactoside-binding, soluble, 9 (galectin 5)	HsLGAL59:F1	GCCTGGGACTTGGGCTTAA	HsLGAL59:R1	GCCAGAAGCGCCAGCAGCA	match	no	NC	Up
SLC25A20	203658_at	788	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20	HsSLC25A20:F2	AGCCTAATTTCTGGGAGCA	HsSLC25A20:R2	TGGGACTGCTCCACTGTGT	match	no	NC	Up
RARRES3	204070_at	5920	retinoic acid receptor responder (tazarotene induced)	HsRARRES3:F1	TCACCAACAGCTTGGACCAT	HsRARRES3:R1	CTCTCTCGCAGAACTGATGA	match	no	NC	Up
APOBEC3G	204205_at	60489	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3C	HsAPOBEC3G:F1	CTGTACCAAGCCATCCAG	HsAPOBEC3G:R1	ACTTGGTCCAGGATGTCATG	match	no	NC	Up
CCR1	205098_at	1230	chemokine (C-C motif) receptor 1	HsCCR1:F1	TGCTTGCAACAAACATTAACCC	HsCCR1:R1	GCTTAGGAGCTCACTTGAATGG	match	no	NC	Up
CX3CR1	205898_at	1524	chemokine (C-X3-C motif) receptor 1	HsCX3CR1:F1	CATTGATGCTGGCCCAACC	HsCX3CR1:R1	TGTTTCCAAACCTTTCTAGGG	match	no	NC	Up
APOBEC3B	206632_s_at	9582	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3B	HsAPOBEC3B:F2	CAGACGGTTCACCACCATCTC	HsAPOBEC3B:R2	TCAGGAGCAATGCTTTTCC	match	no	NC	Up
YARS	212048_s_at	8565	tyrosyl-tRNA synthetase	HsYARS:F2	AGCATCAGGCAAGATGAATG	HsYARS:R2	GGAGAAGTACCCCAACCCTC	match	no	NC	Up
CHI3L2	213060_s_at	1117	chitinase 3-like 2 OR chitinase 3-like 1	HsCHI3L2:F1	TTCCCAAGCTTTCTCGACTT	HsCHI3L2:R1	GTCACACGCTGCAAGAAAAC	match	no	NC	Up
PRF1	214617_at	5551	perforin 1 (pore forming protein) OR perforin 1 (pore forming protein)	HsPRF1:F2	ACTGGTTCCAAATGCCTAA	HsPRF1:R2	GCTGTAAGCTGTGATGCTG	match	no	NC	Up
C1orf41	215691_x_at	51668	chromosome 1 open reading frame 41	HsLOC51668:F1	CATGATAGGCTCCGCTACTTA	HsLOC51668:R1	GCAAAATGATCAAGGGCTGA	match	no	NC	Up
TRAFD1	32524_at	10906	TRAF-type zinc finger domain containing 1	HsFLN29:F2	GTGGGAAGGGAGGGAAGATT	HsFLN29:R2	ACAGGGCAGGAATCACCTT	match	no	NC	Up
SOCS1	210001_s_at	8651	suppressor of cytokine signaling 1	HsSOCS1:F2	TGGTGGCCCTGGTTGT	HsSOCS1:R2	TGTGCAAGATCACTGGGTATATGATAA	match	yes	NC	NC
PTP4A1	200731_s_at	7803	protein tyrosine phosphatase type IVA, member 1	HsPTP4A1:F2	GGCGTGGCTTCCAAAGAT	HsPTP4A1:R2	TAGGCACCCCAATTTTGAATG	match	no	Dawn	Down
ZNF291	209741_x_at	49855	zinc finger protein 291	HsZNF291:F2	GCCTTGGTTCCTCCAGACT	HsZNF291:R2	AGGCCCTGCTGAGAAATCT	match	no	NC	Down
TCF7L2	212762_s_at	6934	transcription factor 7-like 2 (T-cell specific, HMG-box)	HsTCF7L2:F1	TACTGTTAGCGCTGTAAC	HsTCF7L2:R1	GGGGCAAAATTAAGAAAATGA	match	no	NC	Down
RASSF3	212870_at	283349	Ras association (RalGDS/AF-6) domain family 3	HsC14orf138:F2	AAATTTCCATGCGGAGCTTTAA	HsC14orf138:R2	TCACATCTTAAITTCACCAAGTGT	match	no	NC	Down
PLCB1	213222_at	23236	phospholipase C, beta 1 (phosphoinositide-specific)	HsPLCB1:F1	ATTTAATGTTGGAGCTGTGC	HsPLCB1:R1	GTCCAAACGTTCAATCCATC	match	no	NC	Down
KLF11	218486_at	8462	Kruppel-like factor 11	HsTIEG2:F1	CCACCTCCATTTGTCTGTTG	HsTIEG2:R1	ATCCGGAATCCATCACCAAG	match	no	NC	Down
C14orf169	219526_at	79697	chromosome 14 open reading frame 169	HsFLJ21802:F1	GCTGCTGCTCACTAAGATGC	HsFLJ21802:R1	CTACTGCTGTTTCCAGCA	match	no	NC	Down
JMJD1C	221763_at	221037	jumonji domain containing 1C	HsJMJD1C:F1	ACCAGCTATTGCGCTGACTC	HsJMJD1C:R1	GACATGACTGCTGCGGAT	match	no	NC	Down
IRF7	208436_s_at	3665	interferon regulatory factor 7	HsIRF7:F6	GCCTGGACCTGGTTCAACA	HsIRF7:R6	CAGCGTCGCTGGTATGG	partial	no	Up	Up
PSMB10	202659_at	5699	proteasome (prosome, macropain) subunit, beta type, 11	HsPSMB10:F2	TGGAGCTATGGAGAAACCTGTG	HsPSMB10:R2	TCCCCCTTGTCCCAAGCTCT	partial	no	NC	Up
DNB2 OR LHX1	203409_at	43 OR 80	damage-specific DNA binding protein 2, 48kDa OR LIM homeobox 1	HsDNB2:F1	TGCTCCAGATGGTGGACACA	HsDNB2:R1	CCTTGGTTCAGGCTAGATACAGA	partial	no	NC	Up
PYCARD	221666_s_at	29108	PYD and CARD domain containing 1	HsASC:F2	CTAGCGGATGGAGACGATCA	HsASC:R2	ACTGAAGAGCTCCGCACT	partial	no	NC	Up
SOCS5	208127_s_at	9655	suppressor of cytokine signaling 5	HsSOCS5:F2	TATTGGTTGGGACCATCT	HsSOCS5:R2	CTTCAATCCCAATTTGCTT	partial	no	NC	Down
ZFP36L1	211962_s_at	677	zinc finger protein 36, C3H type-like 1	HsZFP36L1:F2	GGTCAACTCCAGCCGCTACA	HsZFP36L1:R2	GGCACTTTTCCCCGACTTACA	partial	no	NC	Down
CDCD75	213294_at	253635	Coiled-coil domain containing 7f	HsFLJ38348:F2	GAAAAATGTTAATCTCTAGGGATAGACA	HsFLJ38348:R2	GTCGCCCTTCTTACTGGGATA	no match	no	Up	Up
PANK2	218809_at	80025	pantothenate kinase 2 (Hallervorden-Spatz syndrome)	HsPANK2:F2	GCACCTCTGAGCTGTTGAA	HsPANK2:R2	CACAGATCCCAATGTGGAAG	no match	no	Up	Up
LY96	206584_at	23643	lymphocyte antigen 9f	HsLY96:F2	CATGTACCTTCTGTTTTTTTCCA	HsLY96:R2	CCCAATGCTCTGAGCTTCA	no match	no	Up	NC
SERBP1	217724_at	26135	SERPINE1 mRNA binding protein 1	HsPAI-RBP1:F1	CTTGTGCTCTGATGTGGATGAC	HsPAI-RBP1:R1	GGTTGTCTTATGGCATCCAGTAAAG	no match	no	Up	NC
WDR23	201886_at	80344	WD repeat domain 23	HsWDR23:F2	CCTGACTTCTGATCCCACTCT	HsWDR23:R2	TGGAAAAGCGTCCGATATCC	no match	no	NC	Up
NUP62	202153_s_at	23636	nucleoporin 62kDa	HsNUP62:F2	CTTGGGGTGGCACTGTTGAT	HsNUP62:R2	CCCATGGCAACTCAACATCT	no match	no	NC	Up
TAP1	202307_s_at	6890	transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	HsTAP1:F2	CACGTCCTCCAGGATGAG	HsTAP1:R2	GGAAGTGGCAATATTCAGAGGA	no match	no	NC	Up
APOBEC3C	209584_x_at	27350	apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 3f	HsAPOBEC3C:F1	TCTCTCTAGCTCCTGCTC	HsAPOBEC3C:R1	GATGACCAGGCAAAACAGA	no match	no	NC	Up
			other primers used in the study								
TBP	6908		TATA box binding protein	HsTBP:F2	GGGCATTAATTTGGCACTGAGA	HsTBP:R2	TAGCAGCAGGTTATGACCACT			NC	NC
CCL2	6347		chemokine (C-C motif) ligand 2	HsCCL2:F3	GGACCACCTGGACAAGCAAA	HsCCL2:R3	AGATTCTGGTGTGGGAGTGAT			NC	NC
CCL8	6355		chemokine (C-C motif) ligand 8	HsCCL8:F1	GAGGAGCAGAGAGGTTGAGAACA	HsCCL8:R1	GGGTGTAGCTTCCAGCATG			NC	NC
CXCL9	4283		chemokine (C-X-C motif) ligand 9	HsCXCL9:F2	CACAACAGCTGCTGGGAAGA	HsCXCL9:R2	AGATACTCTTGGAGGCTCAGTAC			NC	NC
CXCL10	3627		chemokine (C-X-C motif) ligand 10	HsCXCL10:F1	TGACCTCACTAGCAGGAACCT	HsCXCL10:R1	CAGAANAATAGGCAGCAATACG			NC	NC
CXCL11	6373		chemokine (C-X-C motif) ligand 11	HsCXCL11:F2	CAAAGAGTCCACAATTAATGGA	HsCXCL11:R2	CACCTTTGAACTCCGATGGTAACC			NC	NC
IL15RA	3601										