

α CD3+ α CD28 mAb stimulated PBMC vs. α CD3+ α CD28 mAb stimulated PBMC+IFN β -1a

Official Symbol	GeneBank Accession No.	UniGene Accession No.	Description	Fold Chang	P Value
<i>TLR Family Related Genes</i>					
TLR7	NM_016562	Hs.179152	toll-like receptor 7	3.11	0.0000
IRF7	NM_004030	Hs.166120	interferon regulatory factor 7	2.46	0.0000
IRF2	NM_002199	Hs.83795	interferon regulatory factor 2	1.43	0.0043
MYD88	U70451	Hs.82116	myeloid differentiation primary response gene (88)	1.41	0.0249
TRAF6	NM_004620	Hs.444172	TNF receptor-associated factor 6	1.34	0.0290
IRAK4	NM_016123	Hs.142295	interleukin-1 receptor-associated kinase 4	1.18	0.0033
TLR10	AW665250	Hs.120551	toll-like receptor 10	-1.39	0.0166
SIGIRR	NM_021805	Hs.433036	single Ig IL-1R-related molecule	-1.34	0.0174

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<i>Cytokine and Chemokine Related Genes</i>					
CXCL11	AF002985	Hs.103982	chemokine (C-X-C motif) ligand 11	19.66	0.0000
IGFBP4	NM_001552	Hs.1516	insulin-like growth factor binding protein 4	3.34	0.0002
IL10	NM_000572	Hs.193717	interleukin 10	3.29	0.0076
CCL19	U88321	Hs.50002	chemokine (C-C motif) ligand 19	3.18	0.0010
CXCL13	NM_006419	Hs.100431	chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant)	2.74	0.0078
CXCL10	NM_001565	Hs.413924	chemokine (C-X-C motif) ligand 10	2.46	0.0042
IL15RA	NM_002189	Hs.12503	interleukin 15 receptor, alpha	2.33	0.0000
CCL18	Y13710	Hs.16530	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)	2.22	0.0092
IL15	NM_000585	Hs.528402	interleukin 15	1.63	0.0121
IL4I1	A1859620	Hs.437023	interleukin 4 induced 1	1.62	0.0283
IL6ST	BE856546		Interleukin 6 signal transducer (gp130, oncostatin M receptor)	1.58	0.0372
IL10RA	NM_001558	Hs.327	interleukin 10 receptor, alpha	1.44	0.0018
IL6ST	AW242916		Interleukin 6 signal transducer (gp130, oncostatin M receptor)	1.36	0.0314
CCR7	NM_001838	Hs.1652	chemokine (C-C motif) receptor 7	1.28	0.0179
OGFR	NM_007346		opioid growth factor receptor	1.17	0.0397
TBRG1	AA576946		Transforming growth factor beta regulator 1	1.09	0.0495
CXCL5	BG166705	Hs.89714	chemokine (C-X-C motif) ligand 5	-21.72	0.0000
IL1A	M15329	Hs.1722	interleukin 1, alpha	-6.18	0.0019
CCL22	NM_002990	Hs.80420	chemokine (C-X3-C motif) ligand 1	-4.57	0.0000
CXCL3	NM_002090	Hs.89690	chemokine (C-X-C motif) ligand 3	-4.48	0.0056
CXCL1	NM_001511	Hs.789	chemokine (C-X-C motif) ligand 1 (melanoma growth stimulating activity, alpha)	-3.27	0.0200
IL17F	AL034343		interleukin 17F	-3.14	0.0290
IL1B	NM_000576		interleukin 1, beta	-2.61	0.0387
CXCL2	M57731		chemokine (C-X-C motif) ligand 2	-2.57	0.0396
IL1R1	NM_000877	Hs.82112	interleukin 1 receptor, type I	-2.22	0.0000
CCL17	NM_002987	Hs.66742	chemokine (C-C motif) ligand 17	-2.08	0.0049
DTR	M60278	Hs.799	diphtheria toxin receptor (heparin-binding epidermal growth factor-like growth factor)	-2.01	0.0253
LTB	NM_002341	Hs.376208	lymphotoxin beta (TNF superfamily, member 3)	-1.80	0.0001
IL16	NM_004513	Hs.170359	interleukin 16 (lymphocyte chemoattractant factor)	-1.53	0.0181
TGFBR1	AA604375	Hs.28005	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa)	-1.43	0.0003
IL8/CXCL8	NM_000584		interleukin 8	-1.42	0.0488
IL12RB1	NM_153701	Hs.223894	interleukin 12 receptor, beta 1	-1.34	0.0308
CSF1	M37435		colony-stimulating factor (CSF-1) precursor; Human macrophage-specific colony-stimulating factor (CSF-1) mRNA, complete cds.	-1.33	0.0249
CKLF	NM_016951	Hs.15159	chemokine-like factor	-1.31	0.0095
FGFR1	M60485	Hs.748	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome)	-1.30	0.0118
CNOT1	NM_016284		CCR4-NOT transcription complex, subunit 1	-1.12	0.0346