



Supplementary Table S1. Expression of STAT-responsive genes in mDCs

Symbol	Gene Name	Accession	Probe Signal		Fold Change (mIL-15 DC vs mIL-4 DC)
			mIL-4 DC	mIL-15 DC	
<i>Genes up-regulated by STAT3</i>					
MMP9	matrix metalloproteinase 9	NM_004994.1	275.7	10731.3	38.92
CCND1	cyclin D1	NM_053056.1	60.3	236.7	3.93
SOCS3	suppressor of cytokine signaling 3	NM_003955.3	5.3	14.6	2.75
CEBPD	CCAAT/enhancer binding protein (C/EBP), delta	NM_005195.2	290.3	586.4	2.02
IL6	interleukin 6	NM_000600.1	82.5	130.8	1.59
<i>Genes down-regulated by STAT3</i>					
LAMP3	lysosomal-associated membrane protein 3	NM_014398.2	14816.8	75.5	-196.25
CD80	CD80 antigen	NM_005191.2	763.2	63.5	-12.02
CD86	CD86 antigen	NM_175862.2	1142.3	388.7	-2.94
<i>Genes up-regulated by STAT5</i>					
IGFBP4	insulin-like growth factor binding protein 4	NM_001552.1	1766.5	62.4	-28.31
OSM	oncostatin M	NM_020530.3	328.3	36.6	-8.97
SOCS2	suppressor of cytokine signaling 2	NM_003877.3	1564	250.8	-6.24
IL2RA	interleukin 2 receptor, alpha (CD25)	NM_000417.1	91.2	19.8	-4.61
CISH	cytokine inducible SH2-containing protein (CIS)	NM_145071.1	1180.8	437.1	-2.70
CEBPA	CCAAT/enhancer binding protein (C/EBP), alpha	NM_004364.2	1464.6	1511.6	1.03
CCND2	cyclin D2	NM_001759.2	3160.6	5568.9	1.76
<i>Genes up-regulated by STAT6</i>					
FCER2	Fc fragment of IgE, low affinity II (CD23)	NM_002002.3	6013.3	1520.5	-3.95
GATA3	GATA binding protein 3	NM_002051.1	80.2	56.7	-1.41
IL4	interleukin 4	NM_172348.1	2.3	3.5	1.52
<i>Genes regulated by STAT3, STAT5, and STAT6</i>					
SOCS1	suppressor of cytokine signaling 1	NM_003745.1	1187.4	43.1	-27.55
BCL2L1	BCL2-like 1 (BCL-xL)	NM_001191.2	3859.6	1345.1	-2.87