

Supplemental Table 1: Primers and Antibodies

Assay	Primer	Sequence (5'-3')
<b>qRT-PCR</b>		
	18s F	GTAACCCGTTGAACCCATT
	18s R	CCATCCAATCGGTAGTAGCCG
	Pdcd1 F	CGTCCCTCAGTCAAGAGGAG
	Pdcd1 R	GTCCCTAGAAGTGCCCAACA
	Stat3 KO seq F	AGCGAGAGCAGCAAAGAAGG
	Stat3 KO Seq R	ATGTTGGTCGCATCCATGATC
	Stat3 F (LCMV)	AGGACATCAGTGCCAAGACC
	Stat3 R (LCMV)	CACTACCTGGGTCGGCTTC
	Prdm1 F	ATGGAGGACGCTGATATGAC
	Prdm1 R	CCTTACTTACCACGCCAATAAC
<b>ChIP-qRT-PCR</b>		
	Pdcd1 -3.7 F	AGGGTGAGCAGGCCGAGAGCAA
	Pdcd1 -3.7 R	AGCACAGGGAAGAAGCTGTTGGG
	Pdcd1 -2.7 F	GGCCCTGCAGCCCAGGTAAC
	Pdcd1 -2.7 R	TCAAAGCAGGGCAGAACAGAGAGT
	Pdcd1 CRC F	CCTCACCTCCTGCTTGCTCTC
	Pdcd1 CRC R	GTGAGACCCACACATCTCATTGC
	Pdcd1 Blimp1 F	GGACTGAGGAAAGTTGACTGG
	Pdcd1 Blimp1 R	CGTGGAGAGTGAAAGGACCTC
	Pdcd1 CRB F	GGCAGTGTGCCTTCAGTAGC
	Pdcd1 CRB R	CCACCTCTAGTTGCCTGTTCTC
	Pdcd1 Control F	CAGAGGCCACTCTTGACTCC
	Pdcd1 Control R	AAGGCTCCCTGGAGGAGATA
	Pdcd1 +17.1 F	GGAGGGGATAGGCGCTGGGT
	Pdcd1 +17.1 R	TCTGGGCCAAGCCATCCGGT
<b>LCMV Titer</b>		
	LCMV Clone 13 F	GGAGGGGATAGGCGCTGGGT
	LCMV Clone 13 R	TCTGGGCCAAGCCATCCGGT

Assay	Epitope	Clone	Company	Catalog #	Fluorescence
<b>Flow Cytometry</b>					
	CD8	2.43	Tonbo Biosciences	35-1886	FITC
	CD62lg	MEL-14	Biologend	104432	Percp-Cy5.5
	CD44	IM7	Biologend	103026	AF700
	PD1	RMPI-30	Biologend	109104	PE
	PD1	RMPI-30	Biologend	109119	Percp-Cy5.5
	IL6R $\alpha$	D7715A7	Biologend	115811	APC
	IL10R	1B1.3a	Biologend	112705	PE
	CD11b (Dump)	M1/70	Biologend	101226	APC-Cy7
	B220 (Dump)	RA3-6B2	Tonbo Biosciences	25-0452	APC-Cy7
	F4/80 (Dump)	BM8	Biologend	123118	APC-Cy7
	Ghost Dye		Tonbo Biosciences	13-0870	v510
	Thy 1.1	OX-7	Biologend	202522	PacificBlue
	gp33 Tetramer	H-2D(b)	NIH Tetramer Core		APC
	Rat IgG2b,k	RTK4536	Biologend	400611	APC
	Rat IgG1, k	RTK2071	Biologend	400407	PE
	Rat IgG2b,k	RTK4530	Biologend	400631	Percp-Cy5.5
<b>ChIP</b>					
	P-STAT3 (Y705)	D3A7	Cell Signaling	9145	
	NFATc1	7A6	ThermoFisher	MA3-024	
	Blimp-1	Polyclonal	Rockland Immunochemicals	600-401-B52	
	H3K9Ac	Polyclonal	Millipore	07-352	
	H3K27Ac	Polyclonal	Millipore	07-360	
	H3K4Me	Polyclonal	Millipore	07-436	
	H3K27Me3	Polyclonal	Millipore	07-473	
	H3K9Me3	6F12-H4	Millipore	05-1242	
	P-STAT1 (Y701)	58D6	Cell Signaling	9167	
	P-STAT4 (Y693)	D2E4	Cell Signaling	4134	
	P-STAT5 (Y694)	Polyclonal	Cell Signaling	9358	
	STAT6	D3H4	Cell Signaling	5397	
	Rabbit IgG		Millipore	12-370	
<b>Western</b>					
	P-STAT3	D3A7	Cell Signaling	9145	
	STAT3	79D7	Cell Signaling	4904	
	$\beta$ -Actin	ACTBD11B7	Santa Cruz	sc-81178	