

Table S3 Liver 7 DA vs Control

	Gene	1000 locuses		3000 locuses		Control		1000 locuses		3000 locuses	
		FC	p-value	FC	p-value	FC	p-value	FC	p-value	FC	p-value
Alternatively Activated M2	ADAM1	0.4	p < 0.01	2.0		2.2		2.1		2.3	
	CD88	-0.2	p < 0.01	-1.5		-0.2		-1.6	p < 0.01	-0.5	p < 0.01
	CD74 (M2C)	1.8		1.2		1.2		1.8		1.3	
	IL6	1.2	p < 0.01	2.2		2.1		1.8		2.0	
	IL13 (M2C)	1.0		1.8		1.8		2.4		1.1	
	IL6	1.8		2.1		2.0		2.1		2.1	
Chemokines	KCCL1 (M2C)	1.8		1.8		1.8		1.8		1.8	
	KCCL2 (M2C)	1.8		1.8		1.8		1.8		1.8	
	KCCL3 (M2C)	1.2		1.2		1.2		1.2		1.2	
	KCCL4 (M2C)	-0.2		-0.2	p < 0.01	-0.2		-0.2	p < 0.01	-0.2	p < 0.01
	KCCL5 (M2C)	2.0		1.8		1.8		2.0	p < 0.01	1.3	
	KCCL6 (M2C)	0.8		1.2		0.8		0.8	p < 0.01	0.8	p < 0.01
	KCCL7 (M2C)	1.8		1.2		1.2		1.4		1.8	
	KCCL8 (M2C)	2.2		1.8		1.1		2.1	p < 0.01	1.2	
	KCCL9 (M2C)	1.7		1.8		1.4		1.7		1.7	
	KCCL10 (M2C)	2.1		2.0		1.7		2.0		1.7	
	KCCL11 (M2C)	1.2		1.2		1.2		1.2	p < 0.01	1.2	
	KCCL12 (M2C)	1.2		1.2		1.2		1.2	p < 0.01	1.2	
	KCCL13 (M2C)	1.2		1.2		1.2		1.2	p < 0.01	1.2	
	KCCL14 (M2C)	1.1		1.1		1.0		1.2		1.1	
	KCCL15 (M2C)	1.1		1.1		1.1		1.1		1.1	
	KCCL16 (M2C)	1.1		1.1		1.2		1.2	p < 0.01	1.1	p < 0.01
	KCCL17 (M2C)	1.8	p < 0.01	1.1		1.8		1.8	p < 0.01	1.7	p < 0.01
	KCCL18 (M2C)	1.8		1.8		1.8	p < 0.01	1.7	p < 0.01	1.4	
	CCL	CCL1	1.2		1.2		1.1		1.2		1.2
CCL2 (M2C)		1.2		1.2		1.1		1.2		1.2	
CCL3		1.2		1.2		1.2	p < 0.01	1.2	p < 0.01	1.2	
CCL4 (M2C)		1.2		1.2		1.2		1.2		1.2	
CCL5 (M2C)		1.2		1.2		1.2		1.2	p < 0.01	1.2	
CCL6 (M2C)		1.2		1.2		1.2		1.2		1.2	
CCL7 (M2C)		1.2		1.2		1.2		1.2		1.2	
CCL8 (M2C)		1.2		1.2		1.2		1.2		1.2	
CCL9 (M2C)		1.2		1.2		1.2		1.2		1.2	
CCL10 (M2C)		1.2		1.2		1.2		1.2		1.2	
XCL	XCL1	1.2		1.2		1.2		1.2		1.2	
Chemokine Receptors	CCR1	2.0	p < 0.01	1.1	p < 0.01	2.0	p < 0.01	1.8	p < 0.01	1.8	p < 0.01
	CCR2	1.2		1.2		1.2		1.2		1.2	
	CCR3	1.2		1.2		1.2		1.2		1.2	
	CCR4	1.2		1.2		1.2		1.2		1.2	
	CCR5	2.8	p < 0.01	1.8		2.5	p < 0.01	2.9	p < 0.01	2.1	

Table S3 LMER 7 (M) vs Control

	1000 locules		10000 locules		Control		100 locules		10000 locules	
	Mean	SE	Mean	SE	Mean	SE	Mean	SE	Mean	SE
Chemokine Receptors										
CXCR2	3.2		3.2		3.2		3.2		3.2	
CXCR3	3.2		3.1		3.2		3.2		3.2	
CXCR4	3.1		3.1		3.2		3.3		3.3	
CCR										
CCR1 (CCR1)	2.5	<i>p < 0.001</i>	1.7	<i>p < 0.001</i>	1.7	<i>p < 0.001</i>	1.6	<i>p < 0.001</i>	1.6	<i>p < 0.001</i>
CCR2 (CCR2)	1.8	<i>p < 0.001</i>	1.1	<i>p < 0.001</i>	1.1	<i>p < 0.001</i>	1.1	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>
CCR3	1.8	<i>p < 0.001</i>	1.2	<i>p < 0.001</i>	1.2	<i>p < 0.001</i>	1.2	<i>p < 0.001</i>	1.2	
CCR4	1.2		1.2		1.2		1.2		1.2	
CCR5 (CCR5)	1.2		1.2		1.2		1.2		1.2	
CCR6	1.2		1.2		1.2		1.2		1.2	
CCR7 (CCR7)	1.2		1.2		1.2		1.2		1.2	
XCR										
XCR1	1.5		1.2		1.5		1.5		1.4	
CCR2C										
CCR2C	2.0	<i>p < 0.001</i>	2.1		1.4		1.2		1.5	
Chitinase and FIZZ Family										
CHI3	1.1		1.0		1.0		1.0		1.0	
CHI3L1 (CHI3L1)	1.1		1.0	<i>p < 0.001</i>	1.0		1.0		1.0	
CHI3L2 (CHI3L2)	1.0		1.0		1.0		1.0		1.0	
CTL/NK Cell Associated										
KIR2DL4	1.2		1.2		1.2		1.0	<i>p < 0.001</i>	1.0	
KIR3DL1	1.2		1.2		1.2		1.2		1.2	
KIR3DL2	1.2		1.2		1.2		1.2		1.2	
KIR3DL3	1.2	<i>p < 0.001</i>	1.2	<i>p < 0.001</i>	1.0		1.1	<i>p < 0.001</i>	1.1	
Eosinophil Associated										
EBI3	1.1		1.1		10.2	<i>p < 0.001</i>	0.7	<i>p < 0.001</i>	0.7	
Immunoglobulin Associated										
IGHA1	1.2		1.2		1.1		1.2	<i>p < 0.001</i>	1.2	
IGHB	1.0		1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>
IGKC	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>
IGLC1	1.0		1.0		1.0		1.0		1.0	<i>p < 0.001</i>
IGLC2	1.0		1.0		1.0		1.0		1.0	
IGLC3	1.0		1.0		1.0		1.0		1.0	
IGLC4	1.0		1.0		1.0		1.0		1.0	
IGLC5	1.0		1.0		1.0		1.0		1.0	
IGLC6	1.0		1.0		1.0		1.0		1.0	
IGLC7	1.0		1.0		1.0		1.0		1.0	
IGLC8	1.0		1.0		1.0		1.0		1.0	
IGLC9	1.0		1.0		1.0		1.0		1.0	
IGLC10	1.0		1.0		1.0		1.0		1.0	
Inflammation										
IL1A	1.0		1.0	<i>p < 0.001</i>	1.0		1.0		1.0	<i>p < 0.001</i>
IL1B	1.0		1.0		1.0		1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>
IL2	1.0	<i>p < 0.001</i>	1.0		1.0		1.0	<i>p < 0.001</i>	1.0	
IL6	1.0	<i>p < 0.001</i>	1.0		1.0		1.1	<i>p < 0.001</i>	1.1	
IL8	1.0		1.0		1.0		1.0		1.0	
Mast Cell Associated										
CD44	1.2		1.1		1.2		1.2		1.1	
CD44L	1.0	<i>p < 0.001</i>	1.0		1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>	1.0	<i>p < 0.001</i>
CD47	1.0	<i>p < 0.001</i>	1.0		1.1	<i>p < 0.001</i>	1.1	<i>p < 0.001</i>	1.2	<i>p < 0.001</i>
CD63	1.0		1.0		1.0		1.0		1.0	
TPSAB1 (MC-Trypt)	1.0		1.4		5.0	<i>p < 0.001</i>	17.5	<i>p < 0.001</i>	5.7	<i>p < 0.001</i>

Table S5. LMER 7 DM vs Control

		1000 locules	10000 locules	Control	1000 locules	10000 locules
	Gene	FCR	FCR	FCR	FCR	FCR
Surface Receptors	GLY1	2.0	2.0	2.0	2.0	2.0
	MAP2K22BCL1	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0
SOC1/FRAS	MAP2K1	2.0	2.0	2.0	2.0	2.0
	MAP2K3	2.0	2.0	2.0	2.0	2.0
	MAP2K4	2.0	2.0	2.0	2.0	2.0
	MAP2K5	2.0	2.0	2.0	2.0	2.0
Intracellular Signaling	MAP	2.0	2.0	2.0	2.0	2.0
	MAP	2.0	2.0	2.0	2.0	2.0
		2.0	2.0	2.0	2.0	2.0
Transcription Factors	MYB1	2.0	2.0	2.0	2.0	2.0
	MYB2	2.0	2.0	2.0	2.0	2.0
	MYB3	2.0	2.0	2.0	2.0	2.0
	MYB4	2.0	2.0	2.0	2.0	2.0
	MYB5	2.0	2.0	2.0	2.0	2.0
	MYB6	2.0	2.0	2.0	2.0	2.0
TH2-Associated Cytokines	CD201/IL21R1	2.0	2.0	2.0	2.0	2.0
	IL2	2.0	2.0	2.0	2.0	2.0
	IL3	2.0	2.0	2.0	2.0	2.0
	IL4	2.0	2.0	2.0	2.0	2.0
	IL5	2.0	2.0	2.0	2.0	2.0
	IL6	2.0	2.0	2.0	2.0	2.0
	IL7	2.0	2.0	2.0	2.0	2.0
	IL12	2.0	2.0	2.0	2.0	2.0
	IL13	2.0	2.0	2.0	2.0	2.0
	IL17	2.0	2.0	2.0	2.0	2.0
Cytokine Receptors	IL2R	2.0	2.0	2.0	2.0	2.0
	IL3R1	2.0	2.0	2.0	2.0	2.0
	IL3R2	2.0	2.0	2.0	2.0	2.0
	IL6R	2.0	2.0	2.0	2.0	2.0
Miscellaneous	MAP2K4/SH2B3	2.0	2.0	2.0	2.0	2.0
	MAP2K4/SH2B3	2.0	2.0	2.0	2.0	2.0
SOC1/FRAS	MAP1	2.0	2.0	2.0	2.0	2.0
	MAP2	2.0	2.0	2.0	2.0	2.0
	MAP3	2.0	2.0	2.0	2.0	2.0
	MAP4	2.0	2.0	2.0	2.0	2.0
Surface Receptors	CD204/CD204L	2.0	2.0	2.0	2.0	2.0
	CD204/CD204L	2.0	2.0	2.0	2.0	2.0

Table S3. LMER 7 DM vs Control

Gene	1000 locuses		10000 locuses		Control		1000 locuses		10000 locuses	
	beta	sigma	beta	sigma	beta	sigma	beta	sigma	beta	sigma
TH2-Associated										
Transcription Factors										
STAT2	1.2		1.2		1.2		1.1		1.1	
STAT3	-1.3	beta (0.2)	-1.5		-1.5		-1.6		-1.1	
STAT4	1.3	beta (0.2)	1.3		1.3		1.2		1.4	
STAT5A	1.2	beta (0.2)	1.2		1.2		1.2	beta (0.2)	1.3	beta (0.2)
STAT5B	1.1		1.1		1.1		1.1		1.1	
STAT6	1.1	beta (0.2)	1.1	beta (0.2)	1.1		1.1	beta (0.2)	1.1	beta (0.2)
TH2 Associated										
STAT1	1.3		1.3		1.3		1.1	beta (0.2)	1.2	
STAT2	1.2	beta (0.2)	1.1	beta (0.2)	1.2	beta (0.2)	1.2	beta (0.2)	1.2	beta (0.2)
STAT3	-1.2		-1.2		-1.2		-1.2		-1.2	
STAT4	1.1	beta (0.2)	1.2		1.2	beta (0.2)	1.2	beta (0.2)	1.2	
STAT5A	1.2		1.2		1.2		1.2		1.2	
STAT5B	1.2		1.2		1.2		1.2		1.2	
STAT6	1.2		1.2		1.2		1.2		1.2	
VA Regulated										
STAT1	1.2		1.2		1.2		1.2		1.2	
STAT2	1.2		1.2		1.2		1.2		1.2	
STAT3	1.2		1.2		1.2		1.2		1.2	
STAT4	1.2		1.2		1.2		1.2		1.2	
STAT5A	1.2		1.2		1.2		1.2		1.2	
STAT5B	1.2		1.2		1.2		1.2		1.2	

Table S3: Liver 7 DAJ vs Infected

		1000000 reads	1000000 reads
	Probe	Probe	Probe
Alarmin/Activated Mo			
	CD3E	-1.0	-1.0
	CD8A	-1.9	-1.9
	CD8B.1 (CD8A.1)	-1.4	-1.2
	CD8B	-1.2	-1.1
	CD8A.6 (CD8A.1)	-1.6	-1.6
	CD8A	-1.5	-1.5
Chemokine			
CCL Chemokines			
	CCL2 (MIP1A)	-1.2	-1.1
	CCL3 (MIP1B)	-1.2	-1.2
	CCL4 (MIP1D)	-1.1	-1.0
	CCL5 (RANTES)	-1.9	-2.0
	CCL6 (MIP2)	-1.7	-1.5
	CCL7 (MIP3)	-1.1	-1.0
	CCL8 (MIP1C)	-1.1	-1.0
	CCL9 (MIP1E)	-1.9	-1.7
	CCL10 (MIP3B)	-1.8	-1.1
	CCL11 (MIP1F)	-1.8	-1.9
	CCL12 (MIP1G)	-1.6	-1.6
	CCL13 (MIP1H)	-1.5	-1.6
	CCL14 (MIP1I)	-1.5	-1.5
	CCL15 (MIP1J)	-1.6	-1.6
	CCL16 (MIP1K)	-1.5	-1.4
	CCL17 (MIP1L)	-1.2	-1.2
	CCL18 (MIP1M)	-1.9	-1.9
	CCL19 (MIP1N)	-2.0	-1.9
	CCL20 (MIP1O)	-2.0	-1.9
	CCL21 (MIP1P)	-1.6	-1.6
	CCL22 (MIP1Q)	-1.6	-1.6
	CCL23 (MIP1R)	-1.5	-1.5
	CCL24 (MIP1S)	-1.5	-1.5
	CCL25 (MIP1T)	-1.5	-1.5
	CCL26 (MIP1U)	-1.8	-1.6
	CCL27 (MIP1V)	-1.6	-1.6
	CCL28 (MIP1W)	-1.1	-1.1
CXC			
	CXCL2	-1.8	-1.1
	CXCL3 (MIP2)	-1.1	-1.1
	CXCL4	-1.4	-1.4
	CXCL5 (MIP3A)	-1.9	-1.9
	CXCL6 (MIP3C)	-1.9	-1.9
	CXCL7 (MIP3D)	-1.4	-1.4
	CXCL8 (MIP3E)	-1.9	-1.9
	CXCL9 (MIP3F)	-1.4	-1.4
	CXCL10 (MIP3G)	-1.5	-1.6
	CXCL11 (MIP3H)	-1.5	-1.6
	CXCL12 (MIP3I)	-1.6	-1.6
	CXCL13 (MIP3J)	-1.8	-1.1
	CXCL14 (MIP3K)	-1.9	-1.9
	CXCL15 (MIP3L)	-1.9	-1.9
XCL			
	XCCL1	-1.1	-1.1
Chemokine Receptors			
CCR			
	CCR2	-1.1	-1.0
	CCR3	-1.1	-1.0
	CCR4	-1.1	-1.2
	CCR5	-1.1	-1.1
	CCR6	-1.1	-1.1
	CCR7	-1.2	-1.1

Liver 7 DAJ vs Non-Infected ATRA Control

	1000000 reads	1000000 reads	
	Probe	Probe	
Alarmin/Activated Mo			
	CD3E	-2.1	-1.1
	CD8A	-2.0	-1.3
	CD8B.1 (CD8A.1)	-1.1	-1.2
	CD8B	-1.2	-1.2
	CD8A.6 (CD8A.1)	-2.4	-1.2
	CD8A	-1.0	-1.0
Chemokine			
CCL Chemokines			
	CCL2 (MIP1A)	-1.1	-1.0
	CCL3 (MIP1B)	-1.0	-1.1
	CCL4 (MIP1D)	-1.0	-1.1
	CCL5 (RANTES)	-1.2	-1.2
	CCL6 (MIP2)	-1.2	-1.1
	CCL7 (MIP3)	-1.3	-1.1
	CCL8 (MIP1C)	-1.3	-1.2
	CCL9 (MIP1E)	-1.6	-1.1
	CCL10 (MIP3B)	-1.1	-1.1
	CCL11 (MIP1F)	-1.1	-1.1
	CCL12 (MIP1G)	-1.2	-1.2
	CCL13 (MIP1H)	-1.2	-1.2
	CCL14 (MIP1I)	-1.2	-1.2
	CCL15 (MIP1J)	-1.2	-1.2
	CCL16 (MIP1K)	-1.2	-1.2
	CCL17 (MIP1L)	-1.2	-1.2
	CCL18 (MIP1M)	-1.2	-1.2
	CCL19 (MIP1N)	-1.2	-1.2
	CCL20 (MIP1O)	-1.2	-1.2
	CCL21 (MIP1P)	-1.1	-1.1
	CCL22 (MIP1Q)	-1.1	-1.1
	CCL23 (MIP1R)	-1.1	-1.1
	CCL24 (MIP1S)	-1.1	-1.1
	CCL25 (MIP1T)	-1.1	-1.1
	CCL26 (MIP1U)	-1.1	-1.1
	CCL27 (MIP1V)	-1.1	-1.1
	CCL28 (MIP1W)	-1.1	-1.1
CXC			
	CXCL2	-1.0	-1.5
	CXCL3 (MIP2)	-1.0	-1.0
	CXCL4	-1.0	-1.0
	CXCL5 (MIP3A)	-1.0	-1.0
	CXCL6 (MIP3C)	-1.0	-1.0
	CXCL7 (MIP3D)	-1.0	-1.0
	CXCL8 (MIP3E)	-1.0	-1.0
	CXCL9 (MIP3F)	-1.0	-1.0
	CXCL10 (MIP3G)	-1.0	-1.0
	CXCL11 (MIP3H)	-1.0	-1.0
	CXCL12 (MIP3I)	-1.0	-1.0
	CXCL13 (MIP3J)	-1.0	-1.0
	CXCL14 (MIP3K)	-1.0	-1.0
	CXCL15 (MIP3L)	-1.0	-1.0
	CXCL16 (MIP3M)	-1.0	-1.0
XCL			
	XCCL1	-1.0	-1.0
Chemokine Receptors			
CCR			
	CCR2	-1.3	-1.3
	CCR3	-1.3	-1.3
	CCR4	-1.3	-1.3
	CCR5	-1.3	-1.3
	CCR6	-1.3	-1.3
	CCR7	-1.3	-1.3

Table S3 Lister 7 DA vs Infected		1000 control		10000 control		Lister 7 DA vs Non-Infected ATRA Control		1000 control		10000 control	
	Gene	FC	p-value	FC	p-value			FC	p-value	FC	p-value
Chemokine Receptors	CCR1	2.0		2.0	$p < 0.001$			2.0		2.1	
	CCR2	1.2		1.0				1.0		1.1	
	CCR3	1.1		1.1				1.2		1.2	
CCR	CCR1 (p < 0.05)	2.1		2.0				2.1		2.1	
	CCR2 (p < 0.05)	1.1		1.1				1.1		1.1	
	CCR3	1.2		1.2				1.2		1.2	
	CCR4	1.2		1.1				1.2		1.2	
	CCR5	1.2		1.1				1.2		1.2	
	CCR6	1.2		1.1				1.2	$p < 0.001$	1.2	
CCR	CCR1-CCR2	1.1		1.1				1.1		1.1	
	CCR2	1.2		1.2				1.2		1.2	
CCR	CCR2	1.2		1.2				1.2	$p < 0.001$	1.2	
	CCR3	1.2		1.1				1.2		1.2	
Chitinase and FIZZ Family	CHI3L1	1.1		1.1				1.0		1.0	
	CHI3L1 (p < 0.05)	1.1		1.1				1.0		1.0	
	CHI3L2	1.1		1.1				1.0		1.0	
	CHI3L3	1.1		1.1				1.0		1.0	
CTL/NK Cell Associated	CD8A	1.0	$p < 0.001$	1.0				1.0	$p < 0.001$	1.0	
	CD8B	1.0		1.0				1.1		1.0	
	CD8A (p < 0.05)	1.1		1.1				1.1		1.1	
Eosinophil Associated	EBI1	1.1		1.1				1.1		1.1	
	EBI2	1.1		1.1				1.1		1.1	
	EBI3	1.1		1.1				1.1	$p < 0.001$	1.1	
Immunoglobulin Associated	IGHA1	1.1	$p < 0.00001$	1.1				1.1	$p < 0.00001$	1.1	
	IGHB	1.1		1.1				1.1		1.1	
	IGHG1	1.0		1.0	$p < 0.001$			1.0	$p < 0.00001$	1.0	$p < 0.001$
	IGHG2	1.0		1.0				1.0	$p < 0.001$	1.0	
	IGHG3	1.0		1.0				1.0	$p < 0.00001$	1.0	
	IGHG4	1.0		1.0				1.0	$p < 0.00001$	1.0	
	IGHG5	1.0		1.0				1.0	$p < 0.00001$	1.0	
	IGHM	1.0		1.0	$p < 0.001$			1.0	$p < 0.00001$	1.0	$p < 0.001$
	IGHX	1.0		1.0	$p < 0.001$			1.0	$p < 0.001$	1.0	
	IGHA2	1.0		1.0				1.0	$p < 0.001$	1.0	
Inflammation	IL1B	1.1		1.1				1.0		1.0	
	IL1A	1.1	$p < 0.001$	1.1				1.1		1.1	
	IL12A	1.1		1.1				1.1		1.1	
	IL12B	1.1	$p < 0.001$	1.1				1.1		1.1	
Mast Cell Associated	CD44	1.1		1.1				1.1		1.1	
	CD44 (p < 0.05)	1.1		1.1				1.1	$p < 0.001$	1.1	$p < 0.001$
	CD45	1.1		1.1				1.1		1.1	
	CD45 (p < 0.05)	1.1		1.1				1.1		1.1	
TSSA81 (MC tss81)	TSSA81	1.0	$p = 0.009$	1.0				1.0	$p < 0.005$	1.0	$p < 0.005$
	TSSA81 (MC tss81)	1.0	$p = 0.009$	1.0				1.0	$p < 0.005$	1.0	$p < 0.005$

Table S3 Liver 7 DM vs Infected		100k reads		1000k reads		Liver 7 DM vs Non-Infected ATRA Control		100k reads		1000k reads	
	Gene	Fold	P-value	Fold	P-value			Fold	P-value	Fold	P-value
Mac	CD8E	2.4		2.1				2.1		2.0	
	CD8B	2.2		2.1				2.2		2.0	
	LAG3	1.2		1.1				1.0		1.0	
	CD8A	1.8		1.5				1.0		1.0	
	CD8D	1.4	p=0.008	2.0				2.0		2.1	
	CD8A1 (CD8A)	1.1		1.2				1.0		1.0	
	CD8B1 (CD8B)	1.1		1.0				1.0		1.0	
	CD8DAP1 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP2 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP3 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP4 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP5 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP6 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP7 (CD8D)	1.1		1.0				1.0		1.0	
	CD8DAP8 (CD8D)	1.1		1.0				1.0		1.0	
Prostaglandin/Leukotriene	PTGS2	2.2		2.2				2.1		2.2	
	PTGS1	2.2		2.2				2.2		2.0	
	COX2	2.2		2.2				2.2		2.0	
	CD32	1.1		1.0				1.1		1.2	
	CD3E	1.1		1.0				1.0		1.0	
	CD3EAP (CD3E)	1.0		1.1				1.1		1.1	
T Cell Costimulatory Accessory Cell Expressed	CD274 (BTLA1)	1.0		1.0				1.0		1.1	
	CD273 (BTLA2)	1.0		1.1				1.0		1.1	
	CD272 (BTLA3)	1.1		1.1				1.0		1.0	
	CD271 (BTLA4)	1.1		1.0				1.0		1.0	
	CD270 (BTLA5)	1.1		1.0				1.0		1.1	
	CD274IP1 (BTLA1)	1.0		1.0				1.0		1.1	
	CD274IP2 (BTLA1)	1.0		1.0				1.0		1.1	
	CD274IP3 (BTLA1)	1.0		1.0				1.0		1.1	
	CD274IP4 (BTLA1)	1.0		1.0				1.0		1.1	
	CD274IP5 (BTLA1)	1.0		1.0				1.0		1.1	
T Cell Expressed	CD3E	1.1		1.1				1.0		1.0	
	CD3D	1.1		1.1				1.0		1.0	
	CD3EAP	1.0		1.0				1.0		1.0	
	CD3EAP (CD3E)	1.0		1.0				1.0		1.0	
Th1-Associated Cytokines	IFNG (IFN)	1.0		1.0				1.1		1.1	
	IFNG1	1.0		1.0				1.1		1.1	
	IFNG2	1.0		1.0				1.1		1.1	
	IFNG3	1.0		1.0				1.1		1.1	
	IFNG4	1.0		1.0				1.1		1.1	
	IFNG5	1.0		1.0				1.1		1.1	

Table S3: L1er 7 DA vs Infected		10K1 uninfected		10K101 uninfected		L1er 7 DA vs Non-Infected ATRA Control		10K1 uninfected		10K101 uninfected	
	Gene	fold	log2	fold	log2		fold	log2	fold	log2	
Surface Receptors	CD28	-1.5	-0.5				-1.5	-0.5			
	CD28 (229-2)	-1.5	-0.5				-1.5	-0.5			
SOCS/PIAS	SOCS1	-1.5	-0.5				-1.5	-0.5			
	SOCS2	-1.5	-0.5				-1.5	-0.5			
	SOCS3	-1.5	-0.5				-1.5	-0.5			
	SOCS4	-1.5	-0.5				-1.5	-0.5			
Intracellular Signaling	SH2	-1.5	-0.5				-1.5	-0.5			
	SH3	-1.5	-0.5				-1.5	-0.5			
Transcription Factors	STAT1	-1.5	-0.5				-1.5	-0.5			
	STAT2	-1.5	-0.5				-1.5	-0.5			
	STAT3	-1.5	-0.5				-1.5	-0.5			
	STAT4	-1.5	-0.5				-1.5	-0.5			
	STAT5	-1.5	-0.5				-1.5	-0.5			
TH2-Associated Cytokines	IL13	-1.5	-0.5				-1.5	-0.5			
	IL4	-1.5	-0.5				-1.5	-0.5			
	IL5	-1.5	-0.5				-1.5	-0.5			
	IL6	-1.5	-0.5				-1.5	-0.5			
	IL7	-1.5	-0.5				-1.5	-0.5			
	IL9	-1.5	-0.5				-1.5	-0.5			
	IL10 (229-2)	-1.5	-0.5				-1.5	-0.5			
Cytokine Receptors	IL4R	-1.5	-0.5				-1.5	-0.5			
	IL5R1	-1.5	-0.5				-1.5	-0.5			
	IL6R1	-1.5	-0.5				-1.5	-0.5			
	IL10R1	-1.5	-0.5				-1.5	-0.5			
Miscellaneous	STAT3 (229-2)	-1.5	-0.5				-1.5	-0.5			
	STAT3 (229-2) (229-2)	-1.5	-0.5				-1.5	-0.5			
SOCS/PIAS	SOCS1	-1.5	-0.5				-1.5	-0.5			
	SOCS2	-1.5	-0.5				-1.5	-0.5			
	SOCS3	-1.5	-0.5				-1.5	-0.5			
	SOCS4	-1.5	-0.5				-1.5	-0.5			
Surface Receptors	CD28 (229-2)	-1.5	-0.5				-1.5	-0.5			

Table S3 Liver 7 DA1 vs Infected		100 ug/kg	1000 ug/kg	Liver 7 DA1 vs Non-Infected ATRA Control		100 ug/kg	1000 ug/kg
Gene	log2	log2FC	log2FC	log2	log2FC	log2FC	log2FC
TNF-Associated Transcription Factors	Atg16l1	-1.5				-1.5	
	Atg16l2	-1.5	-1.6			-1.5	
	Atg16l3	-1.6				-1.6	
	Atg16l4	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001
	Atg16l5	-1.5				-1.5	
	Atg16l6	-1.5	<i>p</i> < 0.001	-1.5	<i>p</i> < 0.001	-1.5	<i>p</i> < 0.001
Treg Associated	Atg16l1	-1.5	<i>p</i> < 0.001	-1.5		-1.5	
	Atg16l2	-1.5				-1.5	<i>p</i> < 0.001
	Atg16l3	-1.6				-1.6	
	Atg16l4	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001
	Atg16l5	-1.5				-1.5	
	Atg16l6	-1.5	<i>p</i> < 0.001	-1.5	<i>p</i> < 0.001	-1.5	<i>p</i> < 0.001
iA Regulated	Atg16l1	-1.5				-1.5	
	Atg16l2	-1.5				-1.5	
	Atg16l3	-1.6				-1.6	
	Atg16l4	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001	-1.7	<i>p</i> < 0.001
	Atg16l5	-1.5				-1.5	
	Atg16l6	-1.5	-1.6			-1.5	<i>p</i> < 0.001