

Table S4 Liver 14 DAJ vs Control

	Gene	100 us/kg Control		1000 us/kg Control		Control Infected		100 us/kg Infected		1000 us/kg Infected		
		Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	
Alternatively Activated M $\phi$	ARG1	1.5		-5.5		-1.1		1.1		-1.1		
	CH2A	-1.0		2.1		1.6		1.3		1.1		
	CLEC10A (MGL)	-1.2		-4.5		-3.0		1.2		-1.7		
	MBNL1	2.4		-1.1		1.7		2.0		1.6		
	RETI8 (PZZ1)	-1.8		1.4		-1.6		-2.6		1.1		
	TTEC	-1.3		1.1		-1.7		-1.3		-2.1		
Chemokines												
	CCL Chemokines	CCL2 (MCP1)	1.2		2.7		2.0		1.7		-1.2	
		CCL3 (MIP1A)	-1.6		-1.2		-1.6		1.1		-1.6	
		CCL4 (MIP1B)	-1.4		1.0		-1.7		1.3		-1.6	
		CCL5 (RANTES)	-1.2		1.4		-1.1		-1.6		-2.2	
		CCL8 (MCP2)	-1.4		-1.5		-1.8		-1.1		-2.1	$p = 0.07$
		CCL11 (EOT1)	3.0		3.0		4.3		11.3	$p < 0.01$	3.9	
		CCL16 (LEC)	-1.3		-8.0	$p < 0.05$	-1.8		-1.4		-1.6	
		CCL17 (TARC)	-1.6		1.3		5.6	$p = 0.06$	1.9		1.1	
		CCL19 (MIP3B)	-1.5		-1.0		-1.1		-1.2		-1.1	
		CCL20 (MIP1A)	2.1		3.1	$p < 0.01$	1.5		2.9	$p < 0.05$	3.1	$p < 0.01$
		CCL21 (SLC)	-1.8		-1.8		-1.8		1.1		-1.3	
		CCL22 (MIP1C)	-2.0		3.8	$p < 0.05$	1.4		1.8		-1.7	
		CCL23 (MIP1-1)	1.2		1.6		1.4		-1.1		-1.2	
		CCL24 (EOT2)	-1.1		-2.5		-2.3		1.9		-1.1	
		CCL25 (TECK)	1.0		1.0		-1.9	$p < 0.05$	1.6		-1.1	
		CCL26 (EOT3)	2.7		3.7		16.6	$p = 0.06$	15.1	$p < 0.05$	9.3	$p = 0.08$
		CCL27 (CTACK)	1.3		1.0		-1.4		1.3		1.2	
		CCL29 (MCC)	-1.9		-8.3	$p < 0.05$	-1.4		-1.5		-1.5	
		CXCL										
CXCL			CXCL2	-1.2		4.0		1.3		1.4		-1.6
	PF4 (CXCL4)		3.6		5.5		13.2	$p = 0.07$	2.9		2.5	
	CXCL5		-1.1		3.2		2.1		2.0		2.4	
	PPBP (CXCL7)		1.2		2.5		1.7		1.1		1.4	
	IL8 (CXCL8)		-1.5		1.5		-1.3		-1.5		-1.4	
	CXCL9 (MIP3)		-1.8		3.0		3.2		1.0		-1.4	
	CXCL10 (IP10)		-1.6		1.3		1.4		-1.4		-1.9	
	CXCL11 (ITAC)		-1.2		-1.5		1.3		-1.3		1.1	
	CXCL12 (SDF1)		-1.1		-1.2		-1.4		-1.1		-1.7	
	CXCL14 (BranX)		-2.5	$p = 0.06$	1.2		-1.3		-1.1		-1.4	
	CXCL16 (SRPSPDN)	1.2		-1.1		1.1		1.0		-1.0		
XCL												
	XCL1	-2.7		-1.3		-2.4		-1.9		-2.5		
Chemokine Receptors												
	CCR1	-1.1		4.7	$p < 0.01$	-1.5		1.0		-2.2		
CCR	CCR2	-2.5	$p < 0.05$	1.3		-1.3		-1.2		-2.8	$p < 0.05$	

	CCR3	1.3		2.2		9.7	p < 0.005	3.2	p < 0.05	2.8	p = 0.07
	CCR4	1.3		2.8	p < 0.01	1.5		1.3		-1.3	
	CCR5	-2.1		1.3		-2.4		-2.2		-3.3	p < 0.05
Table 45 Liver 14 DAi vs Control		100 ug/kg Control		1000 ug/kg Control		Control Infected		100 ug/kg Infected		1000 ug/kg Infected	
	Gene	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$
CCR	CCR7	1.3		4.8	p = 0.06	-1.1		1.3		-1.5	
	CCR8	1.0		-1.2		1.5		2.2		-1.0	
	CCR10	-2.9		-1.3		-2.8		-3.3		-2.4	
CXCR	BLR1 (CXCR1)	3.3	p < 0.05	4.3	p < 0.005	1.3		2.6	p < 0.05	-1.1	
	BLR2 (CXCR2)	1.8	p < 0.01	2.5	p < 0.0005	-1.3		1.7	p < 0.05	-1.6	p < 0.05
	CXCR3	-1.5		3.4	p < 0.05	-1.5		1.1		-1.9	
	CXCR4	-2.1		-1.0		-1.6		-1.4		-2.4	
	BLR1 (CXCR5)	-4.2		-1.0		-3.5		-2.7		-2.3	
	CXCR6	-1.1		1.3		-2.2	p < 0.05	-1.0		-2.0	
	CXCR61 (CXCR7)	-1.6		-1.4		-2.0		-1.3		-1.2	p < 0.05
XCR	BCR1	-1.1		-1.4		-2.4		-1.4		-2.8	
CX3CR	CX3CR	1.1		-1.6		-1.6		-1.1		-1.3	
Chitinase and FIZZ Family	CHI1	1.8		2.0		2.7		1.1		1.0	
	CHI3L1 (YKL40)	-2.6		-1.1		-2.1		-1.4		-1.3	
	CHI3L2 (YKL39)	-1.4		1.8		-1.2		-1.7		-2.6	
CTL/NK Cell Associated	CD8A	1.4		1.8		1.4		1.9		-1.2	
	CD8B	-1.1		1.3		1.1		1.5		-1.5	
	FCGR3B (CD16)	1.0		1.9	p = 0.6	-1.2		-1.0		-1.9	p = 0.06
	KLRB1 (NKR-PTA)	1.1		1.2		1.4		1.3		-1.0	
	PRF1	1.3		2.1		-1.1		1.4		1.5	
Eosinophil Associated	EPX	1.9		6.5	p = 0.08	30.4	p < 0.0005	25.5	p < 0.0001	4.5	p = 0.08
Immunoglobulin Associated	IGHA1	-1.4		2.3		1.2		2.0		-1.7	
	IGHG	-2.3	p < 0.05	-1.8		-1.1		1.4		1.7	
	IGHG1	-3.2		2.2		3.2		1.7		-1.3	
	IGHG2A	1.2		69.0	p < 0.05	6.0		3.2		11.6	
	IGHG2B	1.0		3.2		32.0	p < 0.001	5.3		3.4	
	IGHG3	-2.0		4.8		3.5		1.7		-5.9	
	IGHG4	-1.1		10.9	p < 0.05	8.4	p < 0.05	3.0		2.5	
	IGJ	1.3		9.5	p < 0.05	1.5		1.6		1.0	
	IGHM	1.5		10.6	p < 0.05	-1.3		1.8		-1.2	



T Cell Expressed	TNFSF4 (OX40L)	-1.1		-1.2		-1.1		-1.4		-1.8	p < 0.05
	VTCN1 (B7H4)	1.3		-1.5		-2.5		1.1		1.1	
Th1-Associated Cytokines	CD40LG	-1.2		4.3	p < 0.05	1.1		1.1		-2.0	
	CTLA4	-1.1		1.0		-2.0	p < 0.05	-1.1		-1.9	p < 0.05
	ICOS	1.3		3.8		2.0		-1.2		-1.3	
	TCRA	1.6		2.0	p < 0.05	1.1		1.5		-1.1	
	TNFSF4 (OX40)	1.1		5.7		1.3		-1.3		1.5	
	EBB3 (IL27)	-1.2		1.8		-2.1		-1.3		-3.0	p < 0.05
	IFNG	-1.8		-1.5		1.2		1.4		1.4	
	IL12A	-1.3		1.9		1.2		1.1		1.0	
	IL12B	-1.9		1.8		2.8		-1.6		-2.0	
	IL18	1.5		2.0		2.0		1.9		1.2	
Table 4S Liver 14 DAI vs Control											
Surface Receptors	Gene										
		100 us/kg Control		1000 us/kg Control		Control Infected		100 us/kg Infected		1000 us/kg Infected	
		Fold	p	Fold	p	Fold	p	Fold	p	Fold	p
	IL18RA	1.3		2.9	p < 0.05	-1.5		1.0		-1.5	
	HAVCR2 (TIM-3)	3.4	p < 0.005	3.9	p < 0.005	1.7		2.3	p < 0.05	1.2	
SOCS/PAS	SOCS1	1.4		1.3		-1.7		-1.4		-1.3	
	SOCS2	2.5		3.7	p = 0.06	-1.8		-1.1		-2.0	
	SOCS5	-1.8	p < 0.05	-1.2		-1.1		1.1		-1.8	p < 0.05
	PAS4	-1.0		-1.0		-1.9		1.1		-1.9	
Intracellular Signaling	ITK	1.5		2.9	p < 0.005	1.8		2.0	p < 0.05	-1.5	
	ITK	1.6		2.0		-1.1		1.8		-1.1	
Transcription Factors	HLX1	-1.0		1.4		1.4		1.8		1.1	
	BP1	1.9	p = 0.08	2.1	p < 0.05	-1.1		-1.6		-1.4	
	BUNX1	1.1		1.2		1.4		1.1		-1.6	
	STAT1	1.8		1.7		1.6		1.2		-1.0	
	STAT4	1.4		2.5		1.4		1.3		-1.1	
	TBX21	1.4		3.5	p = 0.08	-1.7		1.0		-1.1	
Th2-Associated Cytokines	CT19arf10 (IL25)	-1.2		1.1		-1.0		1.2		-1.7	
	IL4	-1.8		1.0		2.1		-1.0		-1.1	
	IL5	-1.0		1.1		-1.1		-1.1		1.1	
	IL9	-1.1		1.7		-1.4		1.1		1.5	
	IL13	-1.1		-1.5		3.0		1.7		1.3	
	IL17E	-1.9		2.4	p = 0.06	1.7		1.4		1.8	
	TIMED1 (ST2L)	-1.1		1.0		-2.0	p < 0.05	-1.1		-1.9	p < 0.05
	TSLP	-1.4		-4.8	p < 0.005	1.7		-1.1		-1.3	

Cytokine Receptors	IL4R	1.2		1.5		-1.3		3.5	p < 0.01	1.0	
	IL13RA1	1.2		-1.3		-1.2		1.2		-1.6	
	IL13RA2	1.4		1.1		1.4		-1.3		1.1	
	IL5R	2.4		3.8	p < 0.05	9.7	p < 0.005	6.0	p < 0.01	2.5	
Miscellaneous	DEF6 (SLAT)	-1.3		1.2		-1.3		1.7		-1.3	
	NEATC2P (NP45)	-1.2		1.5		-1.2		-1.0		-2.0	
SOCS/PIAS	PIAS1	1.2		1.1		-1.1		-1.1		-1.3	
	PIAS2	1.1		1.2		-1.1		-1.1		-1.6	p < 0.05
	PIAS3	-1.2		-1.4		-2.1	p < 0.05	-1.3		-2.8	p < 0.005
	SOCS3	3.3	p < 0.01	3.2	p < 0.01	1.0		1.6		1.0	
	SOCS7	-1.5	p < 0.05	1.3		-1.5		1.2		-2.3	p < 0.001
Surface Receptors	GP844 (CRTH2)	-2.0		-1.2		-2.2		-1.4		-1.0	
Table 4S Liver 14 DAI vs Control											
Th2-Associated Transcription Factors	Gene	100 ug/kg Control		1000 ug/kg Control		Control Infected		100 ug/kg Infected		1000 ug/kg Infected	
		Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$	Fold	$\alpha$
	BCL6	-1.1		1.2		-1.1		1.1		-1.6	
	ETS1	1.1		1.6		-1.8		-1.2		-1.7	
	ETS2	1.9		1.5		-1.4		1.6		-1.5	
	GATA3	1.3		1.8		1.1		1.2		-1.2	
	MAF	-1.3		1.2		1.1		1.3		1.0	
	STAT6	1.0		1.1		-2.8	p < 0.05	1.2		-1.7	
Treg Associated	IL2BA (CD25)	1.2		4.1	p < 0.05	-1.1		-1.1		-1.4	
	FDPX3	1.1		2.7	p = 0.07	-1.5		1.6		-1.0	
	IL10	2.0		3.7		-1.3		1.2		-1.9	
	IGFB1	-1.0		2.3	p < 0.05	-1.1		1.5		-1.6	
	TNFRSF18 (GITR)	-1.6		6.2		1.2		1.3		-3.4	
VA Regulated	CD38	1.2		2.3		-1.1		-1.1		-1.7	
	CYP26A	-1.6		-6.3	p < 0.05	-3.0		-1.5		-4.1	p < 0.05
	Ba17	1.4		1.6		-1.5		-1.1		-1.4	

Table 4S Liver 14 DAJ vs Infected

	Gene	100 ug/kg Infected		1000 ug/kg Infected		Liver Day 14 versus Non-Infected ATRA Control	100 ug/kg Infected		1000 ug/kg Infected		
		Fold	$\alpha$	Fold	$\alpha$		Fold	$\alpha$	Fold	$\alpha$	
Alternatively Activated M $\phi$	ARG1	1.1		1.0			1.4		5.0		
	CD8A	-1.2		-1.5			1.4		-1.9		
	CLEC10A (MGL)	3.4		1.7			-1.0		2.6		
	MBNL1	1.2		-1.1			-1.4		1.7		
	BSTB (FIZZ1)	-1.6		1.8			-1.4		-1.2		
	TFEC	1.3		-1.2			1.0		-2.3		
Chemokines	CCL Chemokines	CCL2 (MCP1)	-1.1		-2.4			1.4		-3.2	$p = 0.07$
		CCL3 (MIP1 $\alpha$ )	1.8		1.0		1.7		-2.0		
		CCL4 (MIP1B)	1.3		1.0		1.1		-1.7		
		CCL5 (RANTES)	-1.4		-2.0		-1.3		-3.1	$p < 0.05$	
		CCL8 (MCP2)	1.7		-1.1		1.3		-2.0	$p < 0.05$	
		CCL11 (EOT)	2.4		-1.3		3.3		-1.7		
		CCL16 (LEC)	1.2		1.1		-1.1		4.9		
		CCL17 (TARC)	-2.8		-4.9		3.2		-1.1		
		CCL19 (MIP3B)	-1.1		1.0		1.3		-1.1		
		CCL20 (MIP3A)	-2.0		2.1		1.4		-1.0		
		CCL21 (SLC)	2.0		1.4		2.0		1.4		
		CCL22 (MDC)	1.2		-3.0		3.5	$p = 0.06$	-7.8	$p < 0.01$	
		CCL23 (MIP-1)	-1.6		-1.7		-1.3		-2.0		
		CCL24 (EOT2)	4.3		2.0		2.1		-1.1		
		CCL25 (TECK)	3.1	$p < 0.005$	1.7		1.6	$p = 0.08$	-1.1		
		CCL26 (EOT3)	-1.1		-1.8		5.8		-1.4		
		CCL27 (CTACK)	1.8		1.7		-1.0		1.2		
		CCL28 (HEC)	-1.1		-1.0		1.2		5.5		
		CXCL	CXCL Chemokines	CXCL2	-1.2		-2.5			-1.1	
PF4 (CXCL4)	-4.5				-5.3		-1.2		-2.2		
CXCL5	-2.4				1.1		1.4		-1.3		
PPBP (CXCL7)	-1.5				-1.2		-1.1		-1.8		
IL8 (CXCL8)	-1.2				-1.1		1.0		-2.2	$p < 0.05$	
CXCL9 (MIP)	-3.2				-4.4		1.8		-4.2		
CXCL10 (IP10)	-2.8				-2.7		-1.2		-2.4		
CXCL11 (ITAC)	-1.7				-1.2		-1.1		1.7		
CXCL12 (SDF1)	1.2				-1.3		-1.0		-1.4		
CXCL14 (BRAF)	1.2				-1.0		2.4		-1.7		
CXCL16 (SR-PSOX)	-1.1				-1.1		-1.2		1.0		
XCL	XCL1			1.2		-1.1			1.4		-1.9
Chemokine Receptors	CCR1	1.4		-1.5			1.0		-10.6	$p < 0.001$	
	CCR2	1.0		-2.3			2.0		-3.6	$p < 0.05$	



Inflammation	IL1A	1.1		-1.8	
	IL1B	-2.4		-3.9	p = 0.07
	IL6	1.3		-3.2	
	NOS2	1.7		1.2	
	TNF	2.2		-1.3	
Mast Cell Associated	CMA1	2.1		1.2	
	FCER1A	-1.4		-1.3	
	HDC	-1.2		-2.3	
	KIT	-1.5		-3.4	p < 0.05
	TPSAB1 (MC trypt)	2.9		1.0	

1.4		-2.6	
1.2		-2.6	
2.0		-4.0	p < 0.05
1.3		-1.9	
1.0		-8.8	p < 0.01
2.0		-1.1	
2.1	p < 0.05	2.1	p < 0.05
3.4		5.4	p < 0.05
1.7		-2.7	p < 0.05
9.4	p < 0.001	4.7	p < 0.05

Table 4S Liver 14 DAI vs Infected

Liver Day 14 versus  
Non-Infected ATRA Control

Gene	100 us/kg Infected		1000 us/kg Infected		
	Fold	$\alpha$	Fold	$\alpha$	
CD4	1.9		-1.1		
CD59	-1.5		-1.7		
HMMT	-1.4		-1.6	p < 0.05	
IL2	-2.1		-5.0	p < 0.01	
INDC	-2.0		-2.2		
ITGB1 (CD29)	-1.1		-1.4		
KITLG (SCP)	-1.4		-2.0	p = 0.06	
LLRB4s1 (L13)	-1.1		-2.1		
LLRB4s2 (L13)	-1.6		-9.6	p < 0.001	
MST1	2.4		-1.2		
MST1R (RON)	2.1		1.8		
PIGR	1.3		2.3		
TNFSF18	1.1		1.1		
Prostaglandin/Leukotriene	ALOX5	1.2		-1.6	
	ALOXAP	-1.7		-1.8	p = 0.07
	ALOX15	2.5		2.5	
	CYS1TR1	1.6		-1.1	
	CYS1TR2	-1.1	p = 0.06	-1.4	
	LTC4S	1.8		1.0	
	PTGS2 (COX2)	1.3		-1.3	
T Cell Costimulatory	CD274 (B7-H1)	-1.5		-6.2	
Accessory Cell Expressed	CD276 (B7H3)	1.1		-2.1	p = 0.06
	CD80 (B7-1)	-1.2		-2.0	
	CD86 (B7-2)	1.5		-1.7	
	PDCD1	-1.5		-1.2	
	PDCD1LG2 (B7-DC)	-1.1		-2.5	
	CD40 (TNFRSF5)	1.2		-1.7	
	TNFSF8 (CD30L)	1.0		-1.3	

Gene	100 us/kg Infected		1000 us/kg Infected	
	Fold	$\alpha$	Fold	$\alpha$
1.0		-2.8		p < 0.05
-1.6		-3.2		p < 0.05
1.2		1.3		
1.8		-3.4		p < 0.05
-3.1		-7.3		p = 0.06
-1.0		-1.4		p = 0.06
1.7		-1.6		
-2.9		8.0		p < 0.001
1.2		9.6		p < 0.0005
1.4		1.0		
1.6		-1.4		
1.6		2.6		
-2.0		1.1		

1.6		-2.7		p < 0.001
1.0		-1.4		
3.1		-1.1		
1.3		-1.6		p < 0.05
-1.1		-1.1		
1.1		1.3		
1.0		-2.6		p < 0.05

-1.2		-9.4		p < 0.05
-1.3		-4.8		p < 0.0005
-1.4		-7.3		p < 0.05
1.4		-4.3		p < 0.05
1.3		-2.8		
-1.1		-7.1		p < 0.005
1.4		-3.7		p < 0.05
-1.4		-3.0		p = 0.08



T Cell Expressed	TNFSF4 (DX40L)	-1.3	-1.7	-1.3	-1.5	
	VTICN1 (B7H4)	2.8	2.7	-1.2	1.6	
	CD40LG	1.0	-2.1	1.3	-8.4 p < 0.005	
	CTLA4	1.9	1.0	1.1	-2.0 p < 0.05	
	ICOS	-2.4	-2.6	-1.6	-4.9 p < 0.07	
	ICRB	1.4	-1.1	1.0	-4.3 p < 0.05	
	TNFSF4 (DX40)	-1.7	1.2	-1.5	-3.7	
Th1-Associated Cytokines	EB3 (IL27)	1.6	-1.5	-1.1	-5.5 p < 0.001	
	IFN $\gamma$	-1.7	-1.7	1.3	-2.1	
	IL12A	-1.1	-1.1	1.3	-1.9	
	IL12B	-4.4 p = 0.06	-5.6 p < 0.05	1.2	-3.6 p = 0.06	
	IL18	-1.0	-1.6	1.3	-1.6	
	IL22	-1.4	-1.2	1.3	1.6 p < 0.05	
	IL23	2.1	1.1	-1.1	-1.6	
	Table 4S Liver 14 DAJ vs Infected	Gene	100 up/kq infected	1000 up/kq infected	100 up/kq infected	1000 up/kq infected
			Fold	$\alpha$	Fold	$\alpha$
Surface Receptors	IL18RA	1.5	-1.0	-1.3	-4.4 p < 0.05	
	HAVCR2 (TM-3)	1.4	-1.5	-1.4	-3.3 p < 0.01	
SOCS/PAS	SOCS1	1.2	1.3	-2.0 p = 0.06	-1.7	
	SOCS2	1.7	-1.1	2.8	1.9	
	SOCS5	1.1	-1.6	1.9 p < 0.05	-1.5	
	PAS4	2.1 p = 0.06	1.0	1.2	-1.9	
Intracellular Signaling	ITK	1.1	-2.7 p < 0.05	1.4	-4.4 p < 0.0005	
	TXK	1.4	-1.0	-1.2	-2.2	
Transcription Factors	ILX1	2.7 p = 0.05	1.6	1.5	-1.1	
	IRF1	1.7	-1.2	-1.2	-2.9 p < 0.05	
	RUNX1	-1.3	-2.2	-1.0	-1.7	
	STAT1	-1.3	-1.7	-1.4	-1.8	
	STAT4	-1.1	-1.6	-1.1	-2.8	
	TBX21	1.7	1.0	-1.4	-2.4	
Th2-Associated Cytokines	C19orf10 (IL25)	1.5	-1.4	1.2	-1.4	
	IL4	-2.1	-1.9	1.8	1.1	
	IL5	1.0	1.2	-1.1	1.0	
	IL9	1.6	2.1	1.1	-1.2	
	IL13	-1.8	-2.3	1.8	2.0	
	IL17E	-1.1	-2.1	1.1	6.5	
	TMED1 (ST2L)	-1.9 p = 0.05	1.0	1.1	-2.0 p < 0.05	
	TSLP	-1.9	-2.2	1.3	3.6 p < 0.05	

Cytokine Receptors	IL4R	4.4	p < 0.01	1.6	
	IL13RA1	1.4		-1.4	
	IL13RA2	-1.9		-1.3	
	IL5R	-1.6		-3.9	P = 0.06
Miscellaneous	DEFA (SLAT)	2.1	p = 0.08	-1.0	
	NFATC2IP (NIP45)	1.2		-1.6	
SOCS/PIAS	PIAS1	-1.2		-1.2	
	PIAS2	1.0		-1.4	
	PIAS3	1.6		-1.4	
	SOCS3	1.6		1.0	
	SOCS7	1.9	p < 0.05	-1.5	p = 0.07
Surface Receptors	GPR44 (CRTH2)	1.6		2.1	
Table 4S Liver 14 DAI vs Infected		100 ug/kg Infected		1000 ug/kg Infected	
	Gene	Fold	$\alpha$	Fold	$\alpha$
Th2-Associated Transcription Factors	BCL6	1.1		-1.4	
	ETS1	1.4		1.0	
	ETS2	2.2		-1.0	
	GATA3	1.1		-1.3	
	MAF	1.1		-1.1	
	WTAT6	3.2	p < 0.05	1.7	
Treg Associated	CD25	-1.0		-1.3	
	FoxP3	-2.5		1.5	
	IL10	1.5		-1.5	
	TFR1	1.7		-1.4	
	TNFRSF18 (GITR)	1.1		-4.0	
VA Regulated	CD38	1.0		-1.5	
	CYP26A	2.1		-1.5	
	BAN17	1.4		1.1	

Liver Day 14 versus  
Non-infected ATRA Control

3.0	p < 0.05	-1.2	
1.0		-1.2	
-1.9		2.5	
2.5		-1.5	
2.1	p = 0.06	-1.6	
1.5		-2.9	p < 0.05
-1.2		-1.5	p = 0.07
1.1		-1.9	p < 0.01
-1.1		-2.2	p < 0.05
-2.0		-3.1	p < 0.05
1.9	p < 0.001	-3.0	p < 0.0001
1.5		1.2	
100 ug/kg Infected		1000 ug/kg Infected	
Fold	$\alpha$	Fold	$\alpha$
1.2		-1.9	
-1.4		-2.8	p < 0.05
-1.2		-2.1	
-1.9		-2.2	
1.7		-1.2	
1.1		-1.9	
-1.3		-5.7	p < 0.05
1.4		-2.8	
-1.7		-7.0	p < 0.05
1.5		-3.6	p < 0.01
2.0		-21.1	p < 0.05
-1.4		-2.1	
1.1		1.4	
-1.4		-2.2	p = 0.05