

Extended Data Table 3 | Correlation analysis between TLR-signalling molecules and gene expression

Gene Name	Gene Symbol - RM	Affymetrix Probeset ID	r - SM TNF	p value - SM TNF	Lower CI SM	Upper CI SM	r - RM TNF	p-value - RM TNF	Lower CI RM	Upper CI RM
AP1	JUN	MmugDNA.22829.1.S1_at	-0.52	0.07	-0.83	0.04	0.14	0.7	-0.54	0.71
CD14	CD14	MmuSTS.1982.1.S1_at	-0.28	0.35	-0.72	0.32	0.3	0.41	-0.41	0.78
IKKA	CHUK	MmuSTS.1867.1.S1_at	0.25	0.4	-0.35	0.71	-0.31	0.38	-0.79	0.40
IKKB	IKBKB	MmugDNA.8188.1.S1_at	-0.51	0.07	-0.83	0.05	0.05	0.88	-0.60	0.66
IKKG	IKBKG	MmuSTS.4600.1.S1_at	-0.26	0.4	-0.71	0.34	0.14	0.7	-0.54	0.71
IRAK1	IRAK1	MmugDNA.38816.1.S1_at	-0.33	0.28	-0.74	0.27	0.3	0.39	-0.40	0.78
IRF7	IRF7	MmugDNA.29625.1.S1_at	-0.6	0.03	-0.86	-0.07	-0.16	0.66	-0.72	0.52
JNK	MAPK8	MmugDNA.7819.1.S1_at	0.48	0.1	-0.10	0.81	-0.27	0.45	-0.77	0.43
MYD88	MYD88	MmugDNA.10008.1.S1_at	-0.41	0.17	-0.78	0.18	-0.08	0.83	-0.67	0.58
NFKB1	NFKB1	MmuSTS.3011.1.S1_at	-0.29	0.34	-0.73	0.31	0.2	0.58	-0.49	0.74
NFKB2	NFKB2	MmugDNA.25060.1.S1_at	-0.5	0.08	-0.82	0.07	0.07	0.86	-0.59	0.67
P38	MAPK1	MmugDNA.1694.1.S1_at	0.43	0.15	-0.16	0.79	0.09	0.8	-0.57	0.68
RIP1	RIPK1	MmugDNA.40799.1.S1_at	-0.36	0.23	-0.76	0.24	0.21	0.57	-0.49	0.74
TAB1	TAB1	MmuSTS.1553.1.S1_at	-0.15	0.63	-0.65	0.44	0.42	0.23	-0.29	0.83
TAK1	MAP3K7	MmugDNA.34734.1.S1_s_at	0.87	0	0.62	0.96	-0.3	0.4	-0.78	0.41
TBK1	TBK1	MmuSTS.3947.1.S1_at	-0.09	0.78	-0.61	0.49	-0.5	0.14	-0.86	0.19
TIRAP	TIRAP	MmugDNA.502.1.S1_at	-0.48	0.1	-0.81	0.10	0.1	0.79	-0.57	0.69
TLR4	TLR4	MmuSTS.4032.1.S1_at	-0.19	0.52	-0.67	0.40	-0.69	0.03	-0.92	-0.10
TRAF6	TRAF6	MmuSTS.4612.1.S1_at	0.48	0.09	-0.09	0.82	0.04	0.91	-0.60	0.65
TRAM	TICAM2	MmuSTS.930.1.S1_at	-0.24	0.43	-0.70	0.36	-0.6	0.07	-0.89	0.05
TRIF	TICAM1	MmugDNA.27425.1.S1_at	-0.35	0.23	-0.76	0.24	0.58	0.08	-0.08	0.88
Gene Name	Gene Symbol - RM	Affymetrix Probeset ID	r - SM IL6	p-value - SM IL6	Lower CI SM	Upper CI SM	r - RM IL6	p-value RM IL6	Lower CI SM	Upper CI SM
AP1	JUN	MmugDNA.22829.1.S1_at	-0.45	0.12	-0.80	0.13	0.23	0.52	-0.47	0.75
CD14	CD14	MmuSTS.1982.1.S1_at	-0.05	0.87	-0.58	0.52	0.01	0.98	-0.62	0.64
IKKA	CHUK	MmuSTS.1867.1.S1_at	-0.02	0.95	-0.56	0.54	0.05	0.89	-0.60	0.66
IKKB	IKBKB	MmugDNA.8188.1.S1_at	0.07	0.82	-0.50	0.60	0.12	0.73	-0.55	0.70
IKKG	IKBKG	MmuSTS.4600.1.S1_at	-0.25	0.4	-0.71	0.35	-0.04	0.91	-0.65	0.60
IRAK1	IRAK1	MmugDNA.38816.1.S1_at	-0.24	0.43	-0.70	0.36	-0.22	0.54	-0.75	0.47
IRF7	IRF7	MmugDNA.29625.1.S1_at	0.05	0.88	-0.52	0.58	-0.04	0.91	-0.66	0.60
JNK	MAPK8	MmugDNA.7819.1.S1_at	-0.01	0.97	-0.56	0.54	0.32	0.37	-0.39	0.79
MYD88	MYD88	MmugDNA.10008.1.S1_at	-0.09	0.77	-0.61	0.48	0.34	0.33	-0.36	0.80
NFKB1	NFKB1	MmuSTS.3011.1.S1_at	-0.05	0.87	-0.59	0.51	0.37	0.3	-0.34	0.81
NFKB2	NFKB2	MmugDNA.25060.1.S1_at	-0.01	0.97	-0.56	0.54	-0.32	0.36	-0.79	0.38
P38	MAPK1	MmugDNA.1694.1.S1_at	-0.25	0.41	-0.70	0.35	-0.15	0.69	-0.71	0.53
RIP1	RIPK1	MmugDNA.40799.1.S1_at	-0.61	0.03	-0.87	-0.10	0.34	0.34	-0.37	0.80
TAB1	TAB1	MmuSTS.1553.1.S1_at	-0.31	0.3	-0.74	0.29	-0.26	0.47	-0.76	0.44
TAK1	MAP3K7	MmugDNA.34734.1.S1_s_at	0.03	0.91	-0.53	0.57	-0.31	0.38	-0.79	0.39
TBK1	TBK1	MmuSTS.3947.1.S1_at	-0.11	0.72	-0.62	0.47	0.35	0.32	-0.36	0.80
TIRAP	TIRAP	MmugDNA.502.1.S1_at	-0.06	0.83	-0.59	0.50	0.35	0.33	-0.36	0.80
TLR4	TLR4	MmuSTS.4032.1.S1_at	-0.13	0.68	-0.63	0.46	-0.15	0.68	-0.71	0.53
TRAF6	TRAF6	MmuSTS.4612.1.S1_at	0.58	0.04	0.05	0.86	0.25	0.49	-0.45	0.76
TRAM	TICAM2	MmuSTS.930.1.S1_at	0.14	0.65	-0.45	0.64	-0.17	0.63	-0.72	0.51
TRIF	TICAM1	MmugDNA.27425.1.S1_at	-0.25	0.41	-0.70	0.35	0.05	0.89	-0.60	0.66

Pearson's correlation coefficients (*r*) were calculated separately for cytokines from *C. atys* and *M. mulatta* (TNF or IL-6) protein measurements versus mRNA levels of TLR-4-signalling genes measured in matched blood samples using Affymetrix GeneChips. *P* values denote the significance of the Pearson's correlation coefficient. CI, confidence interval.