

Table S4. M1 and M2 genes in *O. tsutsugamushi*-stimulated monocytes

Gene category and name	Gene symbol	Fold change
M1 genes		
Chemokine (C-C motif) receptor 7	CCR7	2.6
Interleukin 2 receptor α chain	IL2RA	1.9
Interleukin 7 receptor	IL7R	4.5
Interleukin 15 receptor α chain	IL15RA	15.6
Chemokine (C-C motif) ligand 2	CCL2	nc
Chemokine (C-C motif) ligand 3	CCL3	9.0
Chemokine (C-C motif) ligand 4	CCL4	16.9
Chemokine (C-C motif) ligand 5	CCL5	1.5
Chemokine (C-C motif) ligand 15	CCL15	nc
Chemokine (C-C motif) ligand 19	CCL19	nc
Chemokine (C-C motif) ligand 20	CCL20	13.6
Chemokine (C-X-C motif) ligand 8	CXCL8, IL8	2.7
Chemokine (C-X-C motif) ligand 9	CXCL9	nc
Chemokine (C-X-C motif) ligand 10	CXCL10	16.3
Chemokine (C-X-C motif) ligand 11	CXCL11	98.1
Chemokine (C-X-C motif) ligand 16	CXCL16	nc
Endothelial cell growth factor 1 (platelet-derived)	ECGF1	1.6
Interleukin 1 α	IL1A	9.0
Interleukin 1β	IL1B	20.6
Interleukin 6	IL6	> 100
Interleukin 12A	IL12A	3.0
Interleukin 12B	IL12B	> 100
Interleukin 15	IL15	3.6
Interleukin 23 α subunit p19	IL23A	5.1
Tumor necrosis factor ligand superfamily, member 2	TNF	13.9
Tumor necrosis factor ligand superfamily, member 10	TRAIL	78.7
Visfatin	PBEF1	7.0
Apoptosis-related genes		
BCL2-related protein A1	BCL2A1	nc
Fas (TNF receptor superfamily, member 6)	FAS	3.3
Baculoviral IAP repeat-containing 3	BIRC3	1.5
growth arrest and DNA-damage-inducible, gamma	GADD45G	2.0
XIAP associated factor-1	XAF1	13.2
M2 genes		
CD36	CD36	-2
CD163	CD163	-1.8
CD209	DCSIGN	nc
Chemokine (C-X-C motif) receptor 4	CXCR4	-3.8
C-type lectin receptor DCL-1	DCL-1	-1.5
C-type lectin superfamily member 12	DECTIN1	-1.9
Fc ϵ -RII	CD23	-2.5
G protein-coupled receptor 105	P2RY14	-1.7
G protein-coupled receptor 86	GPR86	-5.1
Histamine receptor H1	HRH1	1.7
macrophage scavenger receptor 1	MSR1	1.7
Macrophage scavenger receptor 1	MSR1	nc
Mannose receptor C type 1	MRC1	-2.2
Membrane-spanning 4-domains, subfamily A, member 4	MS4A4A	-1.7
Membrane-spanning 4-domains, subfamily A, member 6A	MS4A6A	-3
Purinergic receptor P2Y5	P2RY5	-1.6
Transforming growth factor β receptor II	TGFB2	-3.6

Transforming growth factor β receptor II	TGFBR2	-3.9
Chemokine (C-C motif) ligand 1	CCL1	20.3
Chemokine (C-C motif) ligand 13	CCL13	2.0
Chemokine (C-C motif) ligand 17	CCL17	nc
Chemokine (C-C motif) ligand 18	CCL18	nc
Chemokine (C-C motif) ligand 22	CCL22	nc
Chemokine (C-C motif) ligand 23	CCL23	4.7
Chemokine (C-C motif) ligand 24	CCL24	nc
Interleukin 1 receptor antagonist	IL1RN	37.9
Interleukin 10	IL10	1.6

M1 and M2 genes are referred to specific transcriptional profiles provided in references 28 and 29. The expression of the genes in bold letters was confirmed by qRT-PCR. nc : not changed. FC in microarray.