

Table 3. mRNAs that are more abundant in wild-type infected and *phoP::Tn10* mutant infected macrophages

Clone ID*		Ratio (SE)	Ratio (SE)
Inflammatory			
549933	IL-8, C-X-C chemokine	3.1 [†] (1.2)	2.3 [‡] (1.4)
323238	GRO1, C-X-C chemokine [§]	7.0 (1.2)	8.6 (1.3)
324437	GRO1, C-X-C chemokine [§]	7.9 (1.3)	5.5 (1.6)
153340	GRO2, C-X-C chemokine	7.2 (1.3)	6.5 (1.6)
460398	Mip-1-beta, C-C chemokine	4.1 (1.3)	2.3 (1.9)
153355	C-C chemokine A3-like 1	2.5 (1.5)	
768497	C-C chemokine, member 18	2.1 (1.4)	
205633	Mip-1-beta, C-C chemokine	7.8 (1.5)	3.9 (2.2)
324655	IL-1, beta cytokine [§]	4.8 (1.3)	6.4 (1.5)
491763	IL-1, beta cytokine [§]	4.3 (1.3)	3.5 (2.0)
84295	IL-1 receptor antagonist	2.1 (1.3)	
768018	SGRF, IL-23 p19 subunit	2.4 (1.2)	2.6 (1.6)
269815	Inhibin, beta A (activin A)	3.5 (1.2)	4.4 (1.4)
845477	Prostaglandin-endoperoxide synthase 2	7.4 (1.3)	6.7 (1.5)
153025	Leukemia inhibitory factor	3.1 (1.2)	
712604	Pre-B-cell colony-enhancing factor	3.0 (1.3)	
811028	Cathepsin D (lysosomal aspartyl protease)	2.7 (1.2)	
82879	Mannose-binding lectin (protein C) 2	2.0 (1.2)	
298268	B-cell translocation gene 1	2.2 (1.2)	
47359	Endothelin 1	2.4 (1.2)	
70692	Plasminogen Activator Inhibitor, typeII	3.4 (1.2)	3.2 (1.5)
358531	Transcription factor AP-1 subunit (Jun)	3.0 (1.2)	2.1 (1.7)
295093	Transcription factor Spi-B	3.1 (1.2)	2.1 (1.4)
Cell death/survival			
362278	STAT induced STAT inhibitor 3 [§]	2.4 (1.3)	
84211	STAT induced STAT inhibitor 3 [§]	3.2 (1.3)	
340734	Nuclear factor NF-kappaB inhibitor	3.3 (1.3)	2.6 (1.7)
813630	PIM-1 serine/threonine kinase [§]	2.5 (1.2)	
292726	PIM-1 serine/threonine kinase [§]	2.0 (1.2)	
770670	A20	3.3 (1.2)	2.0 (1.7)
82225	Secreted frizzled-related protein 1		4.2 (1.6)
155583	TNF receptor-associated factor 1 (TRAF1)	2.4 (1.2)	2.5 (1.4)
810724	PRG1 (GLY96,DIF2,IEX1)	3.7 (1.3)	3.2 (1.6)
Extra-cellular matrix			
841666	Connexin 26 gap junction protein, 2 [§]	6.0 (1.3)	4.0 (1.5)
210921	Connexin 26 gap junction protein, 2 [§]	3.5 (1.2)	2.2 (1.9)
32609	Laminin, alpha 4	2.0 (1.2)	
Other			

78148	Superoxide dismutase 2, mitochondrial [§]	6.4 (1.2)	6.2 (1.5)
840708	Superoxide dismutase 2, mitochondrial [§]	6.7 (1.2)	4.9 (1.6)
82734	Fatty-acid-Coenzyme A ligase	2.5 (1.2)	
293032	Transcription factor AP-2 alpha	4.3 (1.3)	3.4 (1.6)
51448	Activating transcription factor 3	2.4 (1.2)	
814353	PMA-induced protein 1	5.6 (1.3)	4.5 (1.5)
140301	cDNA FLJ11041 fis 4.1 (1.3)	2.7 (1.6)	
246722	Trinucleotide repeat containing 3 [§]	2.6 (1.2)	2.8 (1.4)
199367	Trinucleotide repeat containing 3 [§]	2.7 (1.2)	3.1 (1.5)
487722	Calmodulin 2 (phosphorylase kinase, delta)	2.2 (1.2)	
490551	Progesterone membrane binding protein	2.1 (1.2)	
841281	SSX4 protein gene, partial cds	2.3 (1.2)	
278375	6-phosphofructo-2-kinase	2.1 (1.2)	
767765	GTP-binding protein	2.1 (1.2)	
667883	Pleckstrin homology-like domain	2.2 (1.2)	
898123	Formyltransferase	2.0 (1.2)	
510273	Highly similar to BETA2 Human MEN1	2.4 (1.3)	
840944	Early growth response 1	2.2 (1.3)	
510381	B-cell derived transcription factor [§]	2.6 (1.3)	
360436	B-cell derived transcription factor [§]	2.0 (1.3)	2.0 (1.6)
685626	ATPase, plasma membrane 1		2.2 (1.5)
632074	Potassium-chloride transporter	2.0 (1.2)	
26507	Similar to Mouse sox18	2.6 (1.2)	2.0 (1.4)
731292	Chromosome 21 open reading frame 50 [§]	2.6 (1.3)	2.8 (1.5)
502396	Chromosome 21 open reading frame 50 [§]	2.5 (1.3)	2.1 (1.5)
282868	Unknown	4.3 (1.3)	3.1 (1.7)
198011	Unknown		2.3 (1.6)
130826	Unknown	5.1 (1.3)	4.0 (1.6)
784032	Unknown	3.0 (1.2)	
730990	Unknown	2.6 (1.3)	
843041	Unknown	2.0 (1.2)	
289496	Unknown	2.9 (1.3)	
346861	Unknown	2.0 (1.2)	
742672	Unknown	2.1 (1.2)	
80769	Unknown	2.7 (1.4)	
220376	Unknown	2.1 (1.4)	

*The clone identification IMAGE number can be used to look up the gene at <http://genome-www4.stanford.edu/cgi-bin/SMD/source/sourceSearch>.

[†]Relative expression levels of wild-type infected macrophages and uninfected macrophages.

[‡]Relative expression levels of *phoP::Tn10* infected macrophages and uninfected macrophages.

[§]Two different cDNAs on the array represent the same gene.