SUPPLEMENTAL MATERIAL

Sotolongo et al., http://www.jem.org/cgi/content/full/jem.20110547/DC1

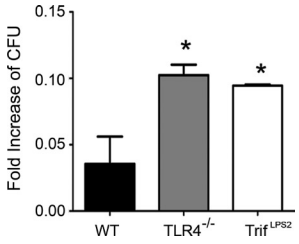

Figure S1. Defective intracellular killing by Trif^{Lps2} and TLR4$^{-/-}$ macrophages. 30 min after macrophage infection with *Y. enterocolitica* (MOI:1), 2 µg/ml gentamicin was added during 6 h of culture to examine intracellular bactericidal function. Data were expressed as fold increase relative to the mean CFU of 0-h samples. Data are representative of three independent experiments (n = 6 each; *, $P < 0.05$). Error bars, SEM.

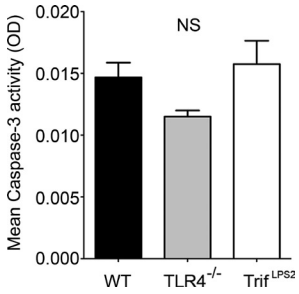

Figure S2. Apoptosis in *Y. enterocolitica*–infected macrophages. After 6 h of infection with *Y. enterocolitica* (MOI:1), the enzymatic activity of the caspase 3 protease in the macrophages was measured with a colorimetric reaction kit to quantify apoptosis (BF3100; R&D Systems). Data are representative of three independent experiments (n = 6 each; NS, not significant). Error bars, SEM.

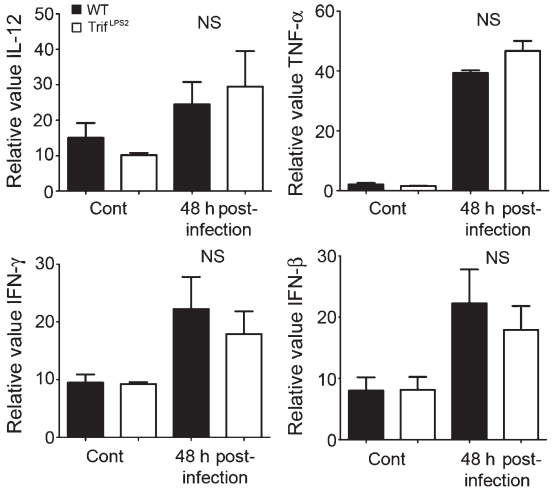

Figure S3. Expression of cytokines in PPs after 48 h of *Y. enterocolitica* infection. Real-time PCR analysis of IL-12p35, TNF, IFN-γ, and IFN-β expression in the PPs taken from control and 48 h after infection of WT and Trif^{Lps2} mice. Combined data are from three independent experiments (n = 6 each; NS, not significant). Error bars, SEM.

Table S1. FCM analysis of PP cell populations

Genotype	Cell type					
	F4/80	Gr1	CD11c	CD19	CD4	CD8
	%	%	%	%	%	%
WT	5.3 ± 0.9	4.5 ± 1.4	13.9 ± 1.3	76.6 ± 0.2	16.1 ± 1.4	11.0 ± 0.6
$Trif^{LPS2}$	4.4 ± 1.0	4.6 ± 1.4	13.5 ± 1.4	68.9 ± 4.9	20.5 ± 1.9	11.9 ± 2.3

There are no differences in the PP cell populations between WT and $Trif^{LPS2}$ mice ($n = 3$ each).

Table S2. Primers used in this study

Mouse gene	Forward primer	Reverse primer
IFN-β	5′-GTCCTCAACTGCTCTCCACTT-3′	5′-GCAACCACCACTCATTCTG-3′
IFN-γ	5′-GCTTGTACCTTTACTTCACTGACC-3′	5′-CTGGCCCGGAGTGTAGACAT-3′
IL-12p35	5′-CCCATCACATCTCATCTCCCCA-3′	5′-AAGCGATGGAGGGGACCAT-3′
TNF	5′-CGTGGAACTGGCAGAAGAGG-3′	5′-GGAATGAGAAGAGGCTGAGACAT-3′
IP-10	5′-TCCCTCTCGCAAGGAC-3′	5′-TTGGCTAAACGCTTTCAT-3′
MIP-2	5′-ATCCAGAGCTTGAGTGTGACGC-3′	5′-AAGGCAAACTTTTTGACCGCC-3′
β-actin	5′-TACGACCAGAGGCATACAG-3′	5′-ATGACCCAGATCATGTTTGA-3′