

## SUPPLEMENTAL MATERIAL

Cruz et al., <http://www.jem.org/cgi/content/full/jem.20100265/DC1>**Table S1.** Bacterial counts (CFUs) in the lung and spleen 90 d after Mtb infection

	Lung		Spleen	
	CFU	± SD	CFU	± SD
Mtb	4.2	0.12	3.83	0.77
Mtb + <i>M. bovis</i> BCG (1×)	4.38	0.14	3.44	0.64
Mtb + <i>M. bovis</i> BCG (2×)	4.5	1.13	3.82	0.6
Mtb + <i>M. bovis</i> BCG (3×)	4.79	0.79	3.86	0.26

Mice were infected in the lung and either left unvaccinated or subcutaneously vaccinated with BCG one (1×), two (2×), or three (3×) times. Organs from infected mice were harvested and homogenized, diluted, and plated to determine the number of mycobacterial CFUs per organ ( $n = 4$  mice per group from one experiment representative of two). Means were determined to be not statistically different as described in Materials and methods.

**Table S2.** Sequences of primers and probes

Primer/probe	Sequence
<b>HPRT</b>	
Sense primer	5'-GCTGGTGA AAAGGACCTCT-3'
Antisense primer	5'-CACAGACTAGAACACCTC-3'
Probes	5'-LCred640-TCTGCAAATACGAGGAGTCCTGTTGP-3' 5'-AAAGCCTAAGATGAGCGCAAGTTGAFL-3'
<b>IFN</b>	
Sense primer	5'-TGGCAAAGGATGGTGACATG-3'
Antisense primer	5'-GACTCCTTTCCGCTTCC TGA-3')
Probes	5'-LCred640-TCCAGCGCCAAG CATTCAATGAGC- -3' 5'-TGCCAAGTTGAGGTCA ACAACCCACA-P FL-3'
<b>IL-17</b>	
Sense primer	5'-AGCTTCATCTGTCTCTGATG-3'
Antisense primer	5'-GGATATCTATCAGG GTCTTCATTG-3'
Probes	5'-LCred640-CTCCAGAAGGCCCTCAGACTACC-3' P 5'-CCCTTGGCGAAAAGTGA-F-3'
<b>IL-6</b>	
Sense primer	5'-TCGTGGAAATGA GAAAAGAGTTG-3'
Antisense primer	5'-TATGCTTAGGCATAACGCACTAG-3'
Probes	5'-LCred640-TGCTCTCCTAACAGATAAGCTGGAGTCAC-P FL -3' 5'-CATAAAATAGTCCTTCTACCCCAATT TCC-P FL-3'
<b>TNF</b>	
Sense primer	5'-CTGTAGCCCACGTCGTAGCA-3'
Antisense primer	5'-CGGCAGAGAGGA GGTTGACT-3'
Probes	5'-LCred640-CCGTCAGC CGATTGCTATCTCATACC-3' 5'-CCCGACTACGTGCTCCTCACCCA-FL-3'
<b>MIP-2</b>	
Sense primer	5'-CTCAGTGCTGCACTGGT-3'
Antisense primer	5'-AGAGTGGCTATGACTT CTGTCT-3'
Probes	5'-LCred640-GTGACGCCCCAGGACCC-3' 5'-GACTTCAAGAATCCAGAGCTTGAG-FL-3'