



**Figure S1.** TrifLPS2 mice are unable to resist secondary *Y. enterocolitica* infection challenge. (A). Percent survival of WT and TrifLPS2 mice in reinfection (primary  $1 \times 10^5$  CFU, secondary  $5 \times 10^7$  CFU *Y. enterocolitica*;  $n=10$  each,  $*P<0.05$ ).

Mouse Gene	Forward Primer	Reverse Primer
IL-4	TCGGCATTGTTGAACGAGGTC	GAAAAGCCCGAAAGAGTCTC
IL-5	TCACCGAGCTCTGTTGACAA	CCCACTTCTCTTTTTGGCG
IL-6	CCGGAGAGGAGACTTCACAG	TCCACGATTTCCAGAGAAC
IL-10	CCTCAGTTCCATTCTATTTATTCCT	TTGAAAGGACACCATAGCAAAGG
IL-17	CTGCAGTCCCAGTCATCAGTA	GTGGCACTCAGATGATGTGACA
IL-21	CCAAACTCAAGCCATCAAACC	CTCATACGAATCACAGGAAGGG
BAFF	GGCAGGTACTACGACCATCTC	TGGGCCTTTTCTCACAGAAGT
APRIL	CCTCACTTCTGAGACCACAGC	GAACAACAGTCAAGGCAAAGC
B-ACTIN	TACGACCAGAGGCATACAG	ATGACCCAGATCATGTTTGA

**Table S1:** Primers used in this study are listed.