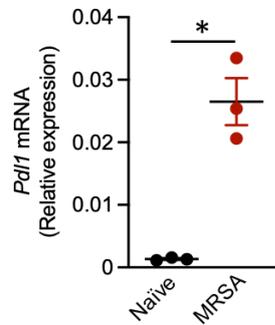
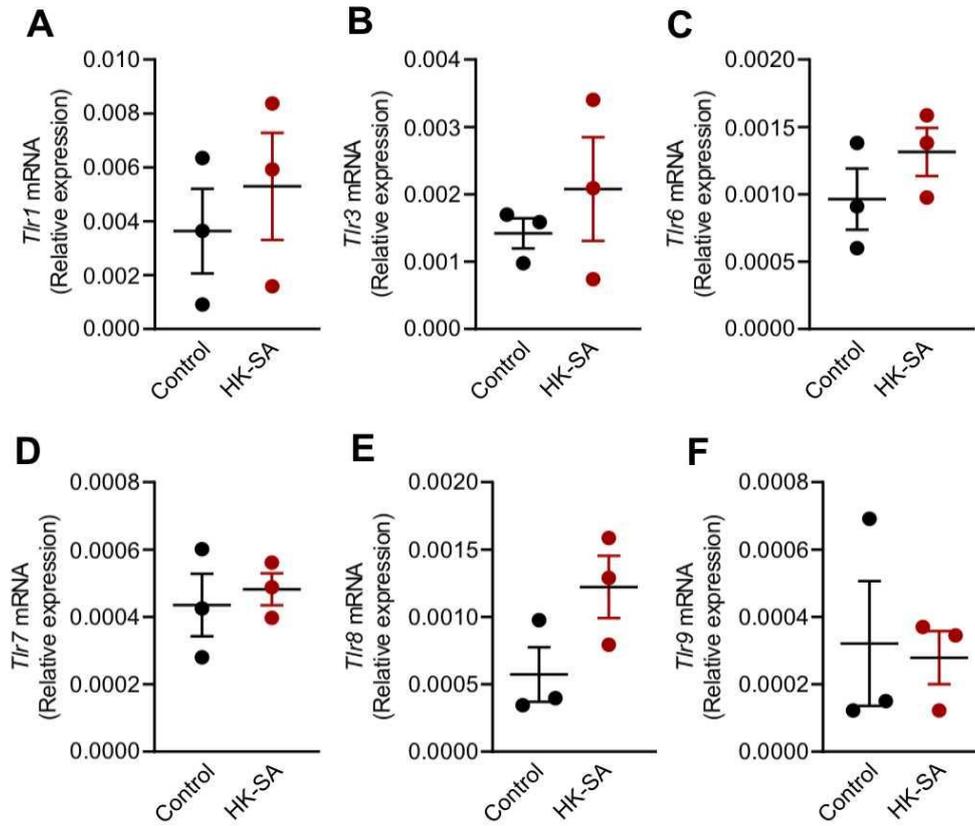


Supplemental Material



Supplemental Figure S1. PD-L1 mRNA expression in peripheral blood neutrophils. Peripheral blood neutrophils were isolated from naïve or MRSA infected mice (48 h), then total RNA isolated from the cells were subjected to real-time PCR for quantification of PD-L1 mRNA expression. The cumulative data were shown as mean \pm standard error (SD) of three samples. Student t-test was used to analyze data for significant difference. Values of $*p < 0.001$ was regarded as significant.



Supplemental Figure S2. Gene expression of TLR in neutrophils. Neutrophils were cultured with control or HK-SA (MOI=1:10) at 37°C for 3 h, then isolated total RNA was subjected to real-time PCR. The mRNA expression of TLR1 (A), TLR3 (B), TLR6 (C), TLR7 (D), TLR8 (E) and TLR9 (F) are shown. The cumulative data were shown as mean \pm standard error (SD) of three samples. Student t-test was used to analyze data for significant differences.

Supplemental table 1. Primer sequences for real-time PCR

Pdl1-forward: 5'- GCTCCAAAGGACTTGTACGTG-3'

Pdl1-reverse: 5'-TGATCTGAAGGGCAGCATTTC-3'

Tlr1-forward: 5'-TGAGGGTCCTGATAATGTCCTAC-3'

Tlr1-reverse: 5'-AGAGGTCCAAATGCTTGAGGC-3'

Tlr2-forward: 5'-GCAAACGCTGTTCTGCTCAG-3'

Tlr2-reverse: 5'-AGGCGTCTCCCTCTATTGTATT-3'

Tlr3-forward: 5'-GTGAGATACAACGTAGCTGACTG-3'

Tlr3-reverse: 5'-TCCTGCATCCAAGATAGCAAGT-3'

Tlr4-forward: 5'-AGGCACATGCTCTAGCACTAA-3'

Tlr4-reverse: 5'-AGGCTCCCCAGTTTAACTCTG-3'

Tlr6-forward: 5'-TGAGCCAAGACAGAAAACCCA-3'

Tlr6-reverse: 5'-GGGACATGAGTAAGGTTCCCTGTT-3'

Tlr7-forward: 5'-ATGTGGACACGGAAGAGACAA-3'

Tlr7-reverse: 5'-GGTAAGGGTAAGATTGGTGGTG-3'

Tlr8-forward: 5'-GAAAACATGCCCCCTCAGTCA-3'

Tlr8-reverse: 5'-CGTCACAAGGATAGCTTCTGGAA-3'

Tlr9-forward: 5'-ATGGTTCTCCGTCGAAGGACT-3'

Tlr9-reverse: 5'-GAGGCTTCAGCTCACAGGG-3'

Gapdh-forward: 5'-TGTGTCCGTCGTGGATCTGA-3'

Gapdh-reverse: 5'-TTGCTGTTGAAGTCGCAGGAG-3'