

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: in vivo RNA-Seq results of *S. aureus* in infected mouse liver.

File name: Supplementary Data 2

Description: Gene expression change in liver of mice after *S. aureus* infection compared with PBS treated mice.

File name: Supplementary Data 3

Description: Reactome analysis of genes upregulated or downregulated after *S. aureus* infection.

File name: Supplementary Data 4

Description: The source data behind the graphs in the paper.