

Figure S1: The $\Delta STM2112$ mutant has normal growth in rich, minimal, and neutrophil-*Salmonella* co-culture assay media. Growth curves of the WT (HA420) and $\Delta STM2112$ (JE971) mutant in (A) LB or (B) M9 minimal media. Overnight cultures were diluted 1:100 into indicated media. CFU/mL were determined hourly for 6 hours and at 24 hours on three independent occasions. Data points represent mean \pm SEM. (C) Bacteria from stationary and late-exponential growth were diluted in PBS to $\sim 5 \times 10^6$ CFU and were added to 100 μ L RPMI-1640 with 10% normal human serum in 96-well plates. Cultures were incubated standing for 2 hours at 37°C with 5% CO₂. CFU/mL was assessed at 0 and 2 hours to determine fold growth. Bars indicate mean \pm SEM performed on three independent occasions.

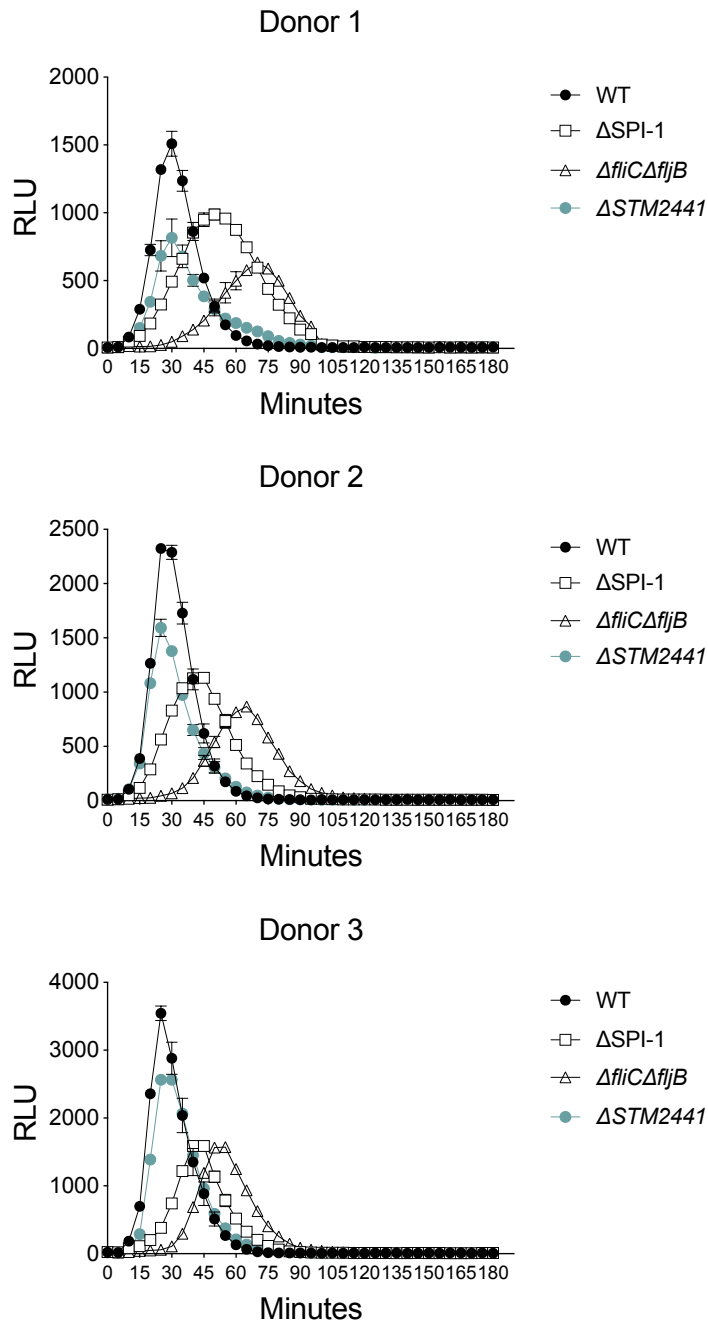


Figure S2: Total neutrophil respiratory burst as assessed by luminol-enhanced chemiluminescence from individual donors. Bacteria from late-exponential growth were exposed to neutrophils from 3 donors. Data from individual donors was used to calculate peak luminescence and time to peak luminescence for Figure 4.

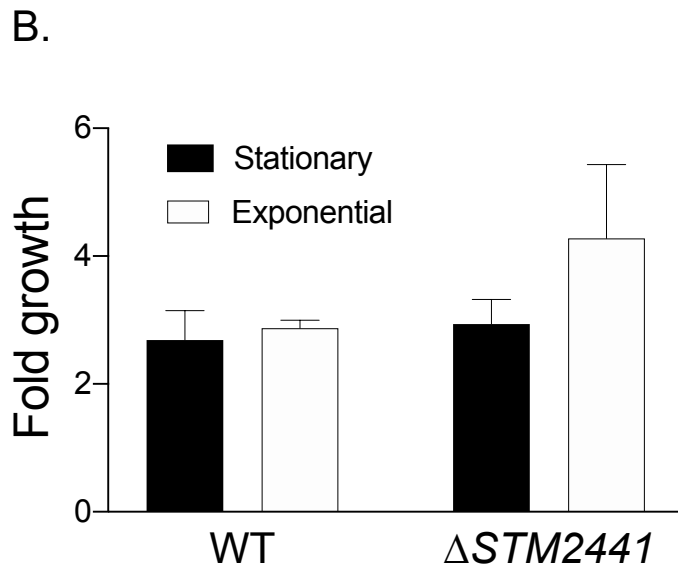
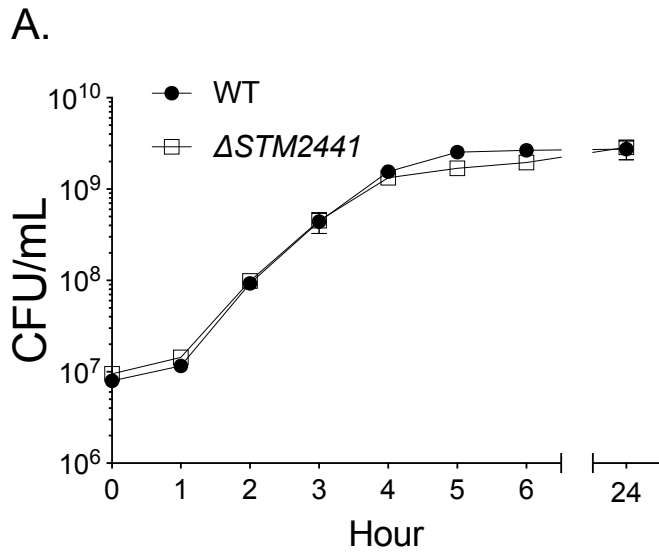


Figure S3: The $\Delta STM2441$ mutant has normal growth in rich and neutrophil-*Salmonella* co-culture media. (A) Growth curve of the WT (HA420) and $\Delta STM2441$ (JE975) in LB broth. (B) Growth of WT and the $\Delta STM2441$ mutant in neutrophil assay media as in Figure S1. Bars indicate mean +/- SEM performed on three independent occasions.

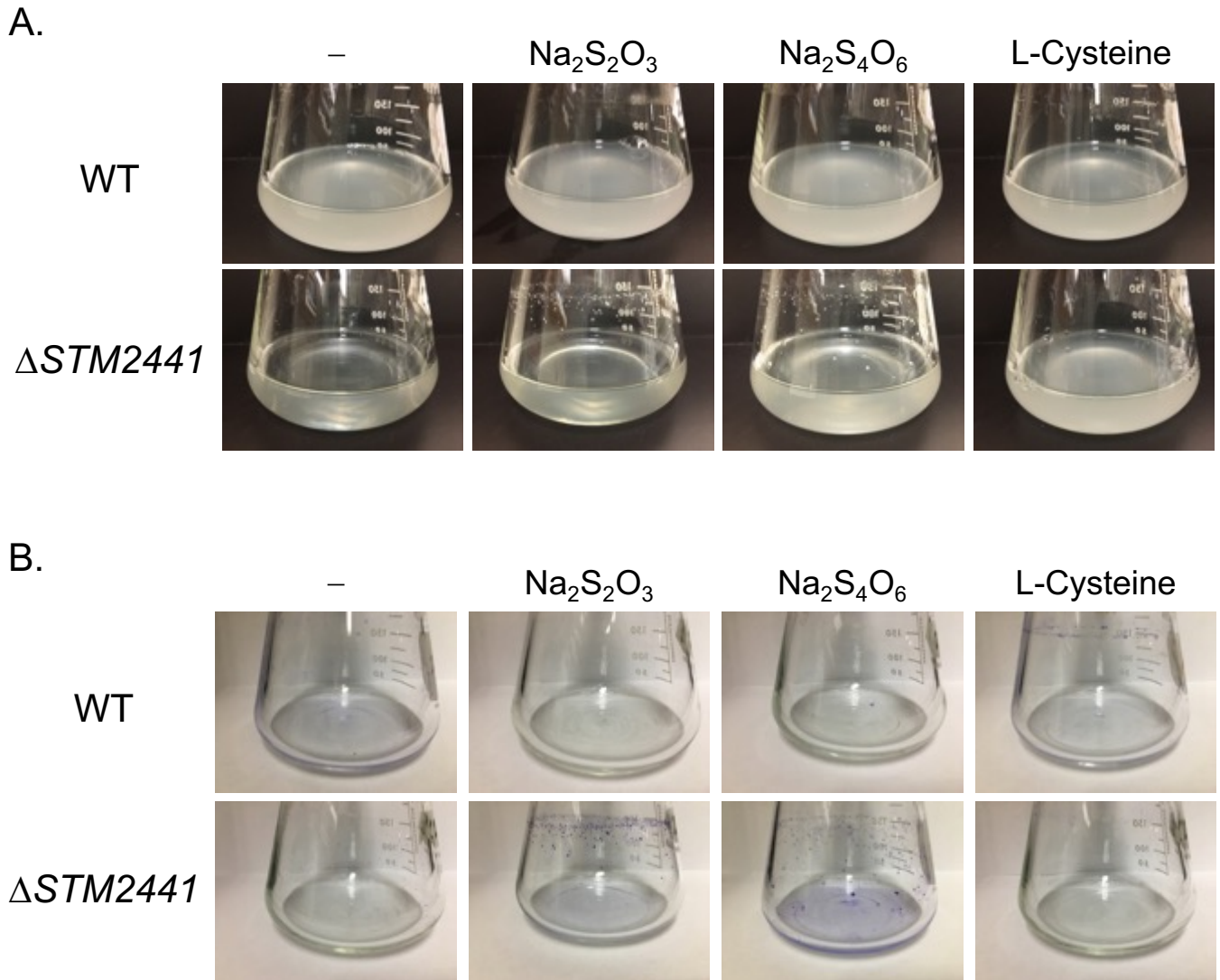


Figure S4: Sulfur starvation induces aggregation and surface adherence of the $\Delta\text{STM2441}$ mutant. Bacterial aggregates (A) and surface-adherent aggregates stained with crystal violet (B) from the $\Delta\text{STM2441}$ mutant grown in the indicated media. Images from bacteria prepared as for Figure 5C.

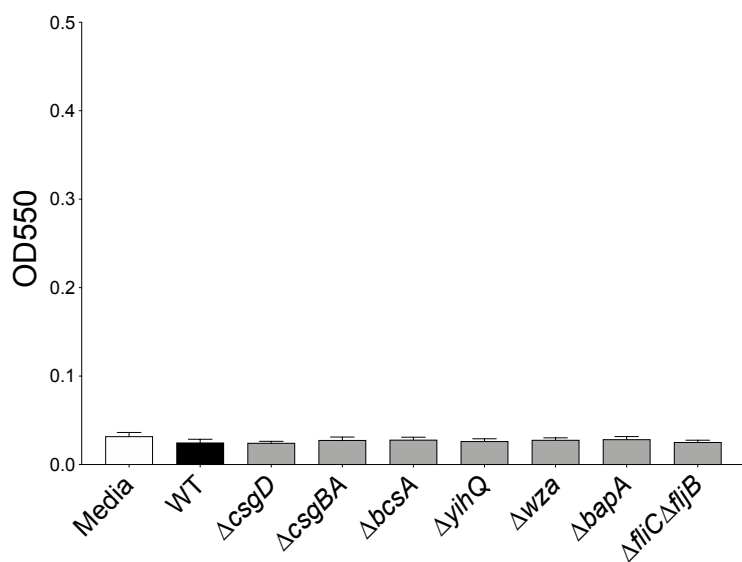


Figure S5: Biofilm component single mutants do not adhere to surfaces. The indicated mutants were grown as in Figure 6B and surface-adherent bacteria estimated by crystal-violet staining.