

Supplementary Material

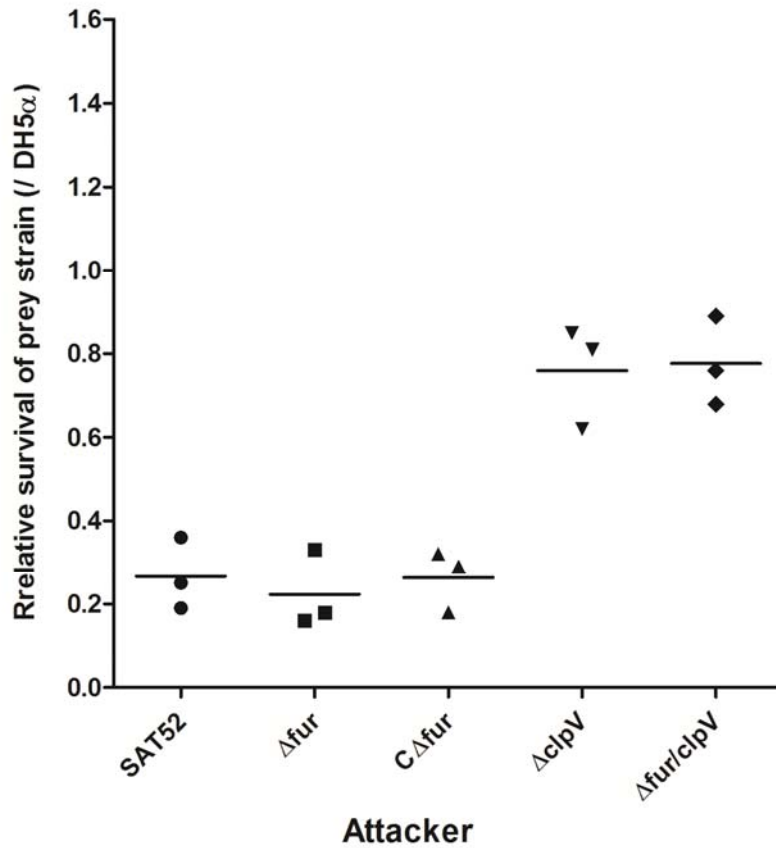


Figure S1. Interbacterial competition assay in the iron depleted medium. The prey strain *E. coli* DH5 α was mixed with the indicated attacker cells at a ratio of 1:4 in the iron depleted medium and plates. After incubation for 4 h at 37 °C, the surviving *E. coli* DH5 α were recovered and enumerated. The ratio compared to prey strain *E. coli* DH5 α was calculated as relative survival. Statistical significance was assessed using one-way ANOVA.

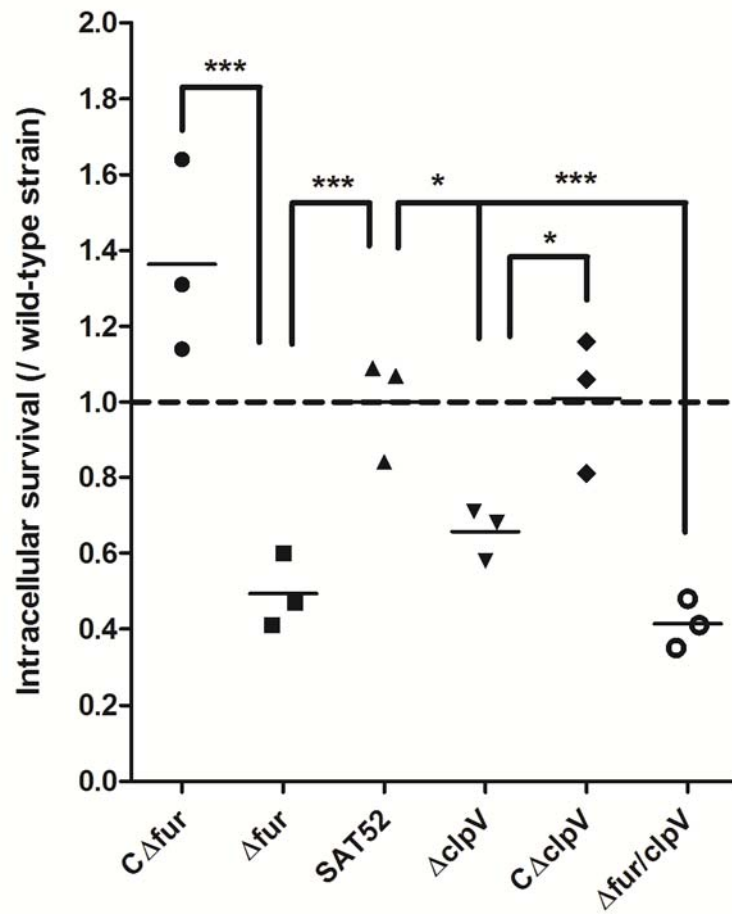


Figure S2. Assessment of intra-macrophage survival of *S. Typhimurium* in the iron excess DMEM. Intracellular survival of bacteria in RAW264.7 cells was expressed as a fraction of the wild-type strain at 10 h post-invasion. Decreased intracellular survival for the mutant strains was observed, whereas the complemented strain restored the capacity of intracellular survival. Statistical significance was assessed using one-way ANOVA. (*, $P < 0.05$; ***, $P < 0.001$).