



**Figure S3. Growth Rates of *Salmonella*.** **A)** Growth rate of *Salmonella* in liquid media (LB). All three strains grew at about the same rate (Sal, 1.313  $\text{hr}^{-1}$ ; F-Sal, 1.273  $\text{hr}^{-1}$ ; S-Sal; 1.26  $\text{hr}^{-1}$ ), although F-Sal grew at a slower significantly slower rate than Sal (\*,  $P < 0.05$ ). There was no difference in the growth rates of  $\Delta sipB$  (S-Sal) and control (Sal). **B)** Intracellular bacteria grew exponentially at a rate of 0.19  $\text{hr}^{-1}$ . **C)** The mathematical model closely fits experimental data and predicts that increasing intracellular accumulation would increase overall tumor colonization.