

FliZ Regulates Expression of the SPI1 Invasion Locus by Controlling HilD Protein Activity in *Salmonella enterica* serovar Typhimurium

Jessica E. Cott Chubiz, Yekaterina A. Golubeva, Dongxia Lin, Lucas D. Miller, and James M. Slauch

University of Illinois

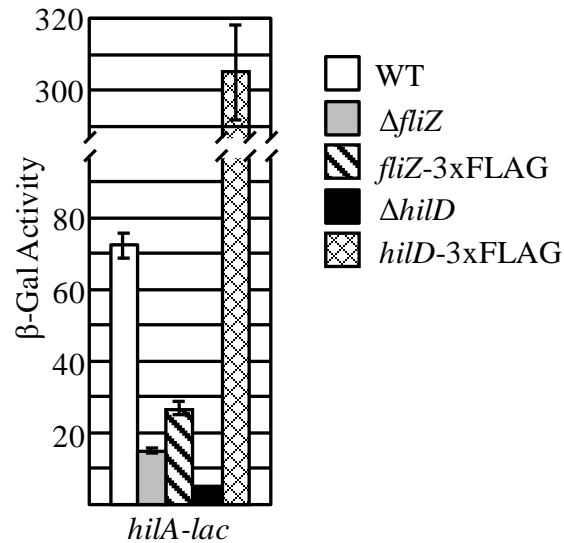


Figure S1. β -galactosidase activity in strains containing *hilA-lacZ* transcriptional fusions and the indicated deletions or FLAG-tagged constructs in their normal chromosomal location. Note that insertions downstream of *hilD* cause increased expression, likely due to affects on Hns-mediated silencing. Strains were grown in SPI1 inducing conditions. β -galactosidase activity units are defined as (μmol of ONP formed min^{-1}) $\times 10^3 / (\text{OD}_{600} \times \text{ml}$ of cell suspension) and are reported as mean \pm standard deviation (n=4).