



Figure S17 A) EnvZ, (B) FadD, and (C) TdcA affect *hilA* expression independently of *FliZ*. β -galactosidase activity in strains containing a *hilA-lac* transcriptional fusion and the indicated mutations after growth under SPI1 inducing conditions. β -galactosidase activity units are defined as $(\mu\text{mol of ONP formed min}^{-1}) \times 10^3 / (\text{OD600} \times \text{ml of cell suspension})$ and are reported as mean \pm standard deviation where $n=4$.