Figure S2  Class I, EnvZ activates hilA expression via post-translational control of HilD. (A) β-galactosidase activity in strains containing a hilA-lac transcriptional fusion and the indicated mutations after growth under SPI1 inducing conditions. (B) β-galactosidase activity of strains containing a hilA-lac transcriptional fusion and indicated mutations with rtsA under the control of a tetracycline regulated promoter. Strains were grown under SPI1-inducing conditions with the indicated tetracycline concentrations. (C) β-galactosidase activity in strains containing a hilD-lac transcriptional or a hilD-Δlac translational fusion and the indicated mutations after growth under SPI1 inducing conditions. β-galactosidase activity units are defined as (μmol of ONP formed min⁻¹) x 10⁻⁷/(OD600 x ml of cell suspension) and are reported as mean ± standard deviation where n=4.