



Figure S3. External free LCFAs repress *hilA* independently of periplasmic stress regulators or the PhoPQ two-component regulatory system. (A) β -galactosidase activity in strains containing a *hilA-lac* transcriptional fusion and the indicated mutations grown under SPI1 inducing conditions in the absence or presence of 0.3 mM oleate, 0.3 mM myristate, or 0.3 mM palmitate. (B) β -galactosidase activity in strains containing a *hilA-lac* transcriptional fusion in the wt of *phoPQ* background grown under SPI1 inducing conditions in the absence or presence of 0.3 mM oleate, 0.3 mM myristate, or 0.3 mM palmitate. β -galactosidase activity is reported as mean \pm standard deviation where $n=4$. Strains used: JS749, JS1069, JS2073, JS2074.