



Fig. S2 Functional similarities between the *P. aeruginosa* and *E. coli* YbeY. (A) Same number of cells of the indicated strains were inoculated in LB. The OD₆₀₀ was monitored every hour for 12 hours. (B, C) The bacteria were grown to an OD₆₀₀ of 1.0, followed by total RNA isolation. The 5'-and 3'-immature ratios of the 16S rRNA was determined by real-time PCR. (D) The bacteria were grown to an OD₆₀₀ of 1.0 at 37 °C and then incubated at 45 °C for two hours. The live bacterial cell numbers were determined by serial dilution and plating. (E) The bacteria were cultured to an OD₆₀₀ of 1, and then washed three times with PBS and resuspended in PBS. The bacteria were treated with 10, 20 or 50 mM H₂O₂ at 37 °C for 30 min. The live bacterial cell numbers were determined by serial dilution and plating. The survival rate was calculated by comparing the live bacterial number after the treatment with that before the treatment. * P < 0.05, ** P < 0.01, *** P < 0.001 by Student's t-test.