



Supplementary Fig. 2. Bacterial growth curves modeled using the Gompertz model. (A) SP6C4. (B) $\Delta P450$. (C) $\Delta lanM$. (D) $\Delta tsrD$. (E) $\Delta P450\Delta lanM$. The x-axis represents time in hours, while the y-axis represents the logarithm of bacterial population size. The curves demonstrate the typical sigmoidal shape characteristic of the Gompertz model, indicating an initial lag phase followed by exponential growth and eventual plateau. The estimated exponential growth rate, expressed as the doubling time in hours, is determined from the slope of the linear portion of the curve during the exponential phase.