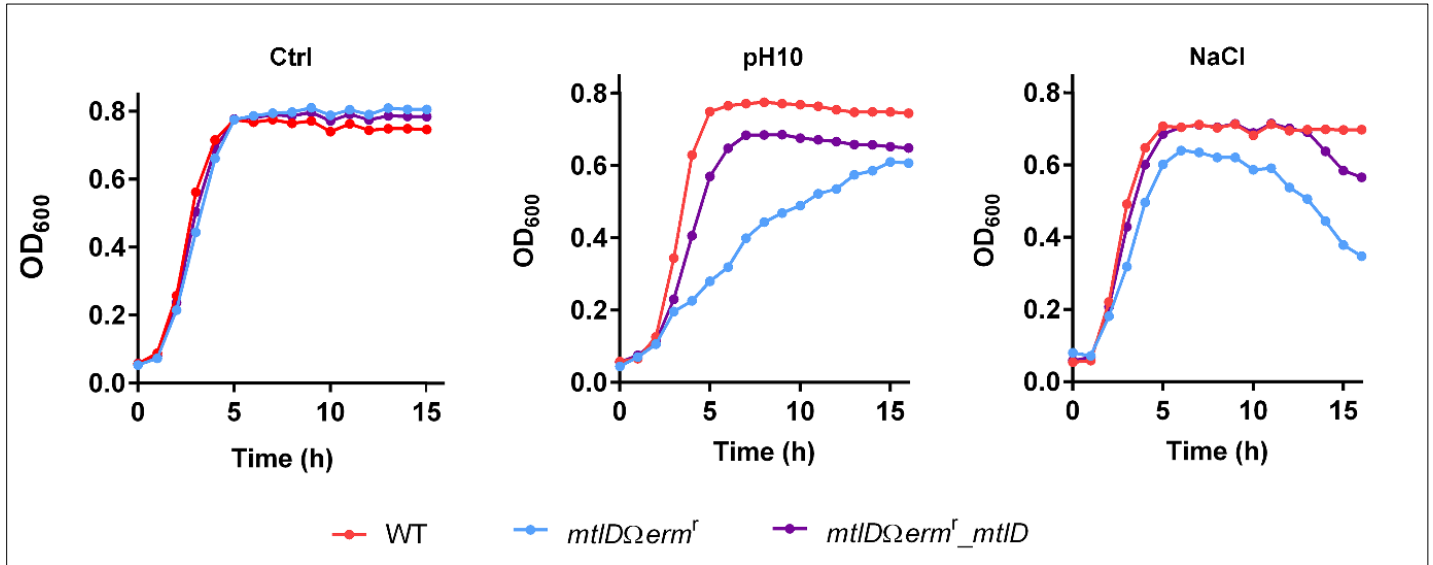


**Fig. S1**



**Fig. S1. Growth profiles of *S. aureus* USA300 strains under control physiological and various stress conditions.** Growths of WT, knockout (*mtlD*Δ*erm*<sup>r</sup>), and *mtlD*Δ*erm*<sup>r</sup> complemented with wild type *mtlD* (*mtlD*Δ*erm*<sup>r</sup>\_*mtlD*) *S. aureus* strains were assessed in 96-well plates by monitoring optical density at 600 nm (OD<sub>600</sub>) up to 16 h at 37 °C in BHI media without (Ctrl) or with adjusted alkaline pH (pH 10) using NaOH or supplemented with 0.2 M NaCl (NaCl). Data points are averaged from three independent measurements with standard deviations less than 5%.