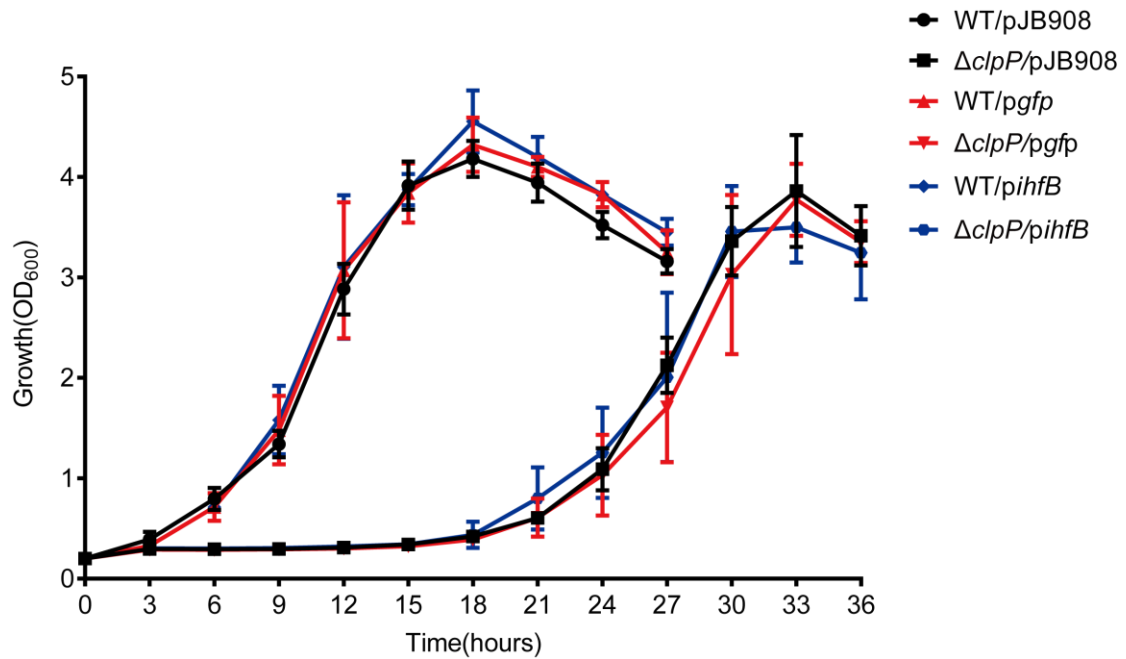


Supplementary Material



Supplementary Figure S6. The expression of GFP and IHFB does not affect the growth of *L. pneumophila* in both WT and $\Delta clpP$, indicating that the affection of the bacterial growth by CsrA is regulated by ClpP, but not due to the stress caused by accumulation of overexpressed protein.

Growth curves of *L. pneumophila* wild-type strain WT (●), the *clpP* deletion mutant $\Delta clpP$ (■), WT with *gfp* expression (WT/pgfp) (▲), $\Delta clpP$ with *gfp* expression ($\Delta clpP$ /pgfp) (▼), WT with *ihfB* expression (WT/pihfB) (◆) and $\Delta clpP$ with *ihfB* expression ($\Delta clpP$ /pihfB) (■). For negative controls, pJB908 vector was electroporated into WT and $\Delta clpP$ to create WT/pJB908, $\Delta clpP$ /pJB908. Bacterial strains at TP ($OD_{600}=3.0-3.5$) were grown in AYE medium at 37 °C and samples were taken every 3 h for determination of optical density at 600 nm.