**Figure S1**

A

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B

图3.18 毕业论文

**Figure S1. Change of the start codon of the *PA14\_51010* gene from the original GTG to ATG reduced the bacterial growth rate.** (A) Wild type PA14 carrying pMMB67EH, pMMB67EH-*PA14\_51010*-Flag (GTG), pMMB67EH-*PA14\_51010*-Flag (ATG) were cultured in LB overnight and then diluted 1:100 in fresh LB with 1 mM IPTG. At indicated time points, the OD600 of each of the samples was measured. \*\*, p < 0.01 compared to the other samples by Student’s t test. (B) Protein levels of the PA14\_51010-Flag in the aforementioned strains [1, PA14/pMMB67EH; 2, PA14/pMMB67EH-PA14\_51010-Flag(GTG); 3, PA14/pMMB67EH-PA14\_51010-Flag(ATG)]. The bacteria were cultured in LB with 1 mM IPTG to an OD600 of 1.0. The Flag-tagged PA14\_51010 were detected by western blot with an anti-Flag antibody (Sigma) and an anti-RpoA antibody (BioLegend).