



Figure S6.pdf

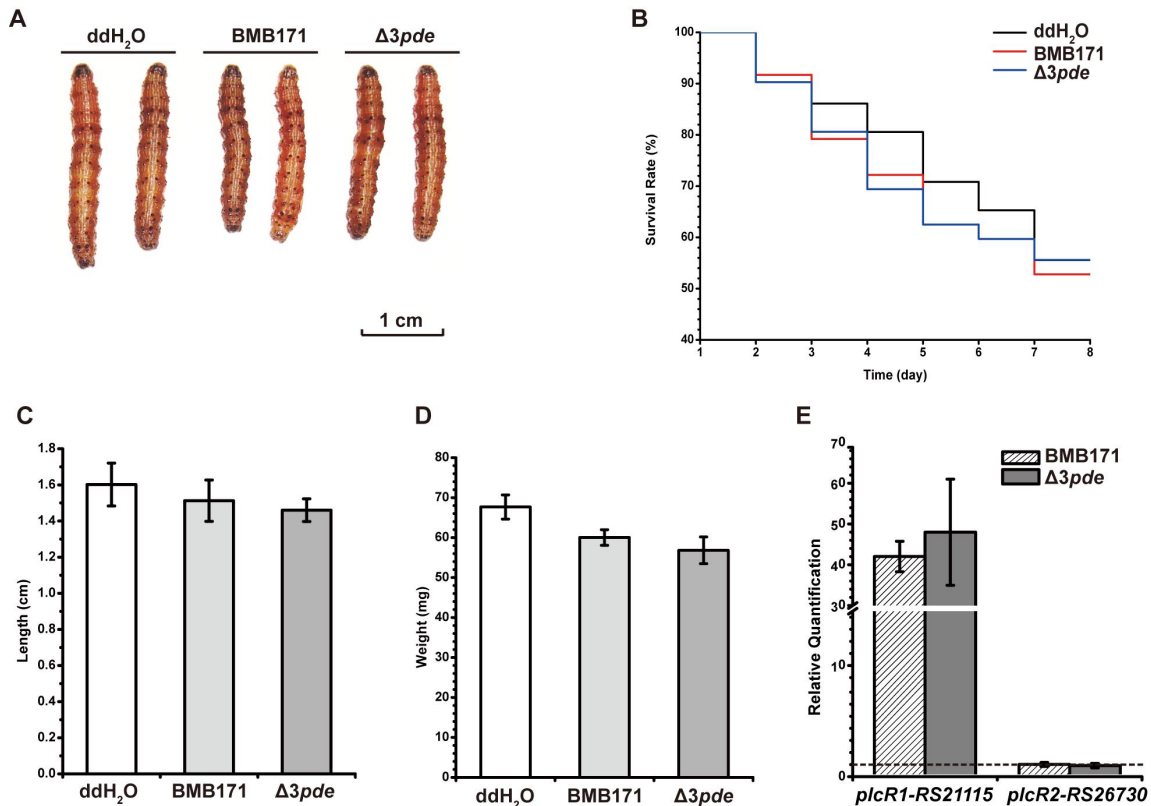


Figure S11. Virulence of BMB171 and $\Delta 3pde$ grown at the exponential phase (9 h) are not affected by increasing c-di-GMP level. (A) The image of cotton bollworm larvae fed with different strains at the end of a rearing cycle. Scale bars represent one centimeter. **(B)** Comparison in survival rates of cotton bollworm larvae fed with BMB171 and $\Delta 3pde$ within rearing cycle (7 days). The survival rate of cotton bollworm larvae fed with $\Delta 3pde$ was almost equal to that fed with BMB171 every day. **(C)** Quantitative measurements of body length of cotton bollworm larvae fed with different *B. thuringiensis* strains. The length of cotton bollworm larvae fed with the $\Delta 3pde$ did not show much difference to those fed with the BMB171. **(D)** Quantitative measurements of body weight of cotton bollworm larvae fed with these different strains. The weight of cotton bollworm larvae fed with the $\Delta 3pde$ did not show a clear change to that fed with the BMB171 too. **(E)** Comparison of relative transcript levels of *plcR1* and *plcR2* genes between BMB171 and $\Delta 3pde$ using RT-qPCR method at the mid exponential phase. Error bars represent the standard deviation of three replicates. Dash line represents similar relative quantification. *plcR1* (RS21115) and *plcR2* (RS26730) did not show conspicuous change in $\Delta 3pde$ compared with that in BMB171.