



Figure S1. Confirmation of *creA* mutants (A and B) and the aflatoxin formation in *creA* mutants (C). (A). The primers *creA*-NF and *creA*-NR was used to confirm the *creA* mutants, the size of *creA*-NF and *creA*-NR from WT is around 3.8 kb, from *creA* deletion mutants is around 4.5 kb. (B). Primers *creA*-F and *creA*-N was used for qRT-PCR to confirm the *creA* deletion mutants $\Delta creA-1$ and $\Delta creA-2$. (C). 10^7 spores of WT, $\Delta creA-1$ and $\Delta creA-2$ strains were inoculated into 30 mL PDB, and cultured at 200 rpm, 30 °C for 3 days, 200 μ L culture medium was used for aflatoxin TLC analysis.