

Figure S1. Determination of acetylation modification levels of histone H3K9ac and H3K14ac in *A. flavus* control and $\Delta Afgg1$ strains. **(A)** The acetylation levels of H3K9 and H3K14 were determined using anti-acetyl H3K9 and anti-acetyl H3K14 (ac-H3K14) antibody with anti-acetyl histone 3 as a control. **(B)** Enrichment levels of (A) by the bank optical density method. ** and *** represented $p < 0.05$ and $p < 0.001$, respectively.

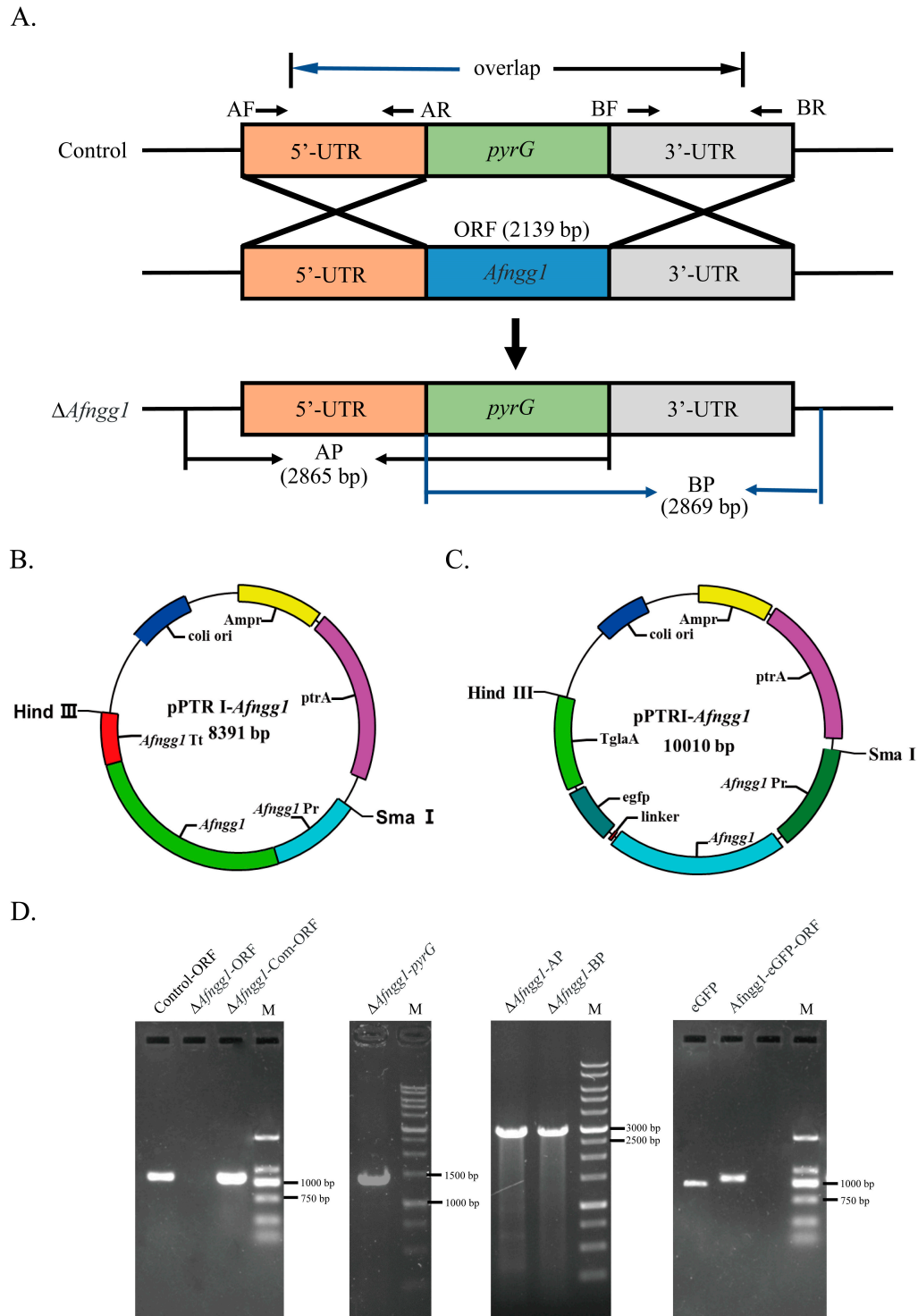


Figure S2. Construction and verification of $\Delta Afngg1$ strain, complement and localization strains. (A) Schematic diagram of $\Delta Afngg1$ strain construction. (B) Plasmid for *Afngg1* complementation. (C) Plasmid for *Afngg1* localization. (D) Verification of *Afngg1* deletion, complementation and localization strains.

Table S1. PCR primers were used in this study.

Name	Sequence (5'-3')
<i>ΔAfnggl-1F</i>	ctagaggatctactagtcatatggattATGAATGGAGCGGTGAGATTGTTGC
<i>ΔAfnggl-1R</i>	ctgcggcgcgttctcgaggaagttgcTGTGATGACGGCCCGAAAAGGTGTT
<i>ΔAfnggl-2F</i>	atgtgtaacggtattgactaaaagggTTCTTCGCTTGCTCCTCATGCAGTTTT
<i>ΔAfnggl-2R</i>	tcgagctcgggtaccgaggatccgattGCACGTCCCCTTGTTCACTGTTTCGATA
<i>ΔAfnggl-iden-F</i>	GCGAGGCAGATGATGAAGAGGAGGAAT
<i>ΔAfnggl-iden-R</i>	AGAATACAGGCGGCTAACTAATGGACC
<i>ΔAfnggl-Com-F</i>	AAACAGCTATGACCATGATTACGCCATGCGCGGTGAGACAGAATCTAAAG
<i>ΔAfnggl-Com-R</i>	GGCCAGTGAATTCGAGCTCGGTACCCAGGTAACCAGCGGTCCATCATCCAG
<i>Afnggl-eGFP-1F</i>	AAACAGCTATGACCATGATTACGCCAGCAGCAGCAGGTGGAGACATTATTG
<i>Afnggl-eGFP-1R</i>	CTCCTCATCCCAACCTTCAACTTCC
<i>Afnggl-eGFP-2F</i>	GGAAGTTGAAGGTTGGGATGAGGAGGGCGCAGGCGCCGGCGCAGGCGCCGGC
<i>Afnggl-eGFP-2R</i>	GGCCAGTGAATTCGAGCTCGGTACCCCGGAGATCCTGATCATCCGTGAGAA
<i>pyrG-F</i>	GCCTCAAACAATGCTCTTCACCC
<i>pyrG-R</i>	GTCTGAGAGGAGGCACTGATGC