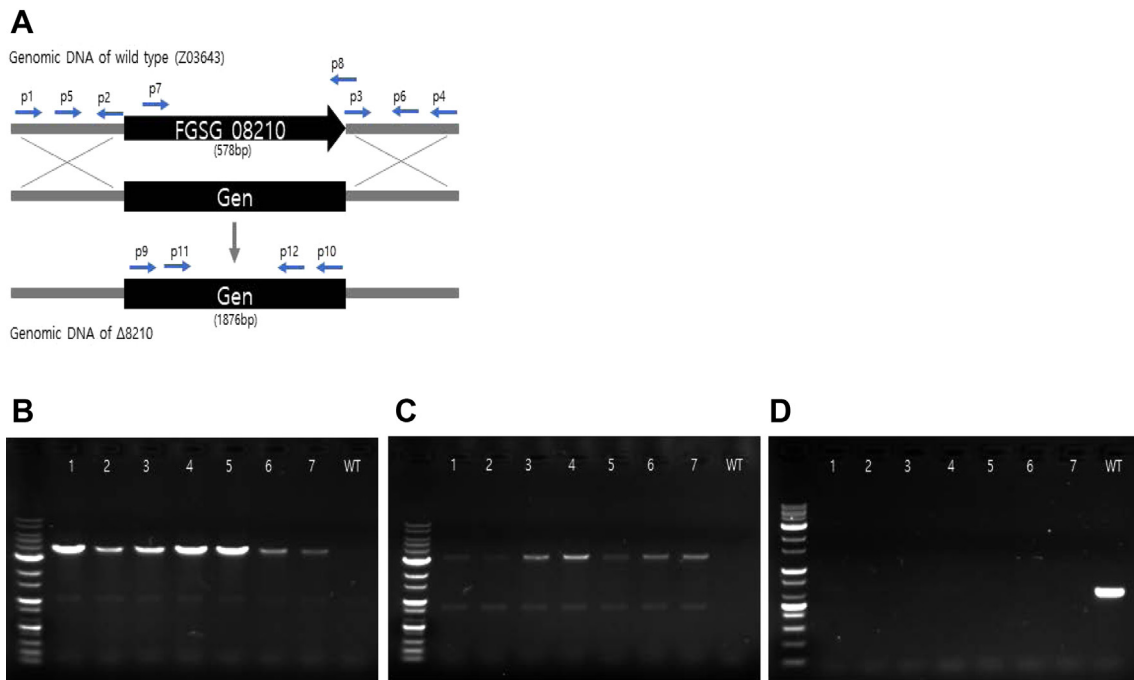


Supplementary Fig. 3. (A) Scheme for the deletion of FGSG_03638 from the genome of the *Fusarium graminearum* Z3643 strain and the positions of primers used in PCR confirmation. (B) Confirmation of the targeted gene deletion event by PCR amplification with the primer pair P1 and P12 (size of the 5' flanking PCR product: 3,937 bp). (C) PCR amplification with the primer pair P4 and P11 (size of the 3' flanking PCR product: 3,482 bp). (D) PCR amplification with the primer pair P7 and P8 (size of the PCR product inside the gene ORF: 996 bp).



Supplementary Fig. 4. (A) Scheme for the deletion of FGSG_03638 from the genome of the *Fusarium graminearum* Z3643 strain and the positions of primers used in PCR confirmation. (B) Confirmation of the targeted gene deletion event by PCR amplification with the primer pair P1 and P12 (size of the 5' flanking PCR product: 3,819 bp). (C) PCR amplification with the primer pair P4 and P11 (size of the 3' flanking PCR product: 3,296 bp). (D) PCR amplification with the primer pair P7 and P8 (size of the PCR product inside the gene ORF: 617 bp).