**Table S3**. Primers used in qRT-PCR to check the relative mRNA expression of deleted genes.

|  |  |
| --- | --- |
| FgAGO2\_F1 GCCAAGTTTGGTGAAGCTGG FgAGO2\_R1 CATGGGAATGAAGCCACCC | Forward and reverse primers for *AGO2* expression |
| AGO1qpcr\_F1 TCCCAGTTTGGTCGGATTGGAGO1qpcr\_R1 TGCTGTCGGTTGTGCATTTG | Forward and reverse primers for *AGO1* expression |
| RDR1qpcr\_F1 TATTGGAGGTCAGCTTGCGG RDR1qpcr\_R1 CTGCCTGTCGCTTCTGGTTA | Forward and reverse primers for *RdRP1* expression |
| QDE-3qpcr\_F ATCCCTGACTCCGACGATGAQDE-3qpcr\_R AGCAGAGTCATCAACAACCAGT | Forward and reverse primers for *QDE3* expression |
| QIPqpcr\_F2 AACAGATGGTTCCGCTGCAAQIPqpcr\_R CAAAGTCCTTGTGAACGGGC | Forward and reverse primers for *QIP* expression |
| DCL2qpcr\_F3 TTGGAGGTTCAGCTCATCGCDCL2qpcr\_R3 TGACGATAGAGGGATGCGGA | Forward and reverse primers for *DCL2* expression |
| DCL1qpcr\_F2 TGAGTCCCATTTCCAACAGCADCL1qpcr\_R2 TTCCCTCCTCTGCCACTGAT | Forward and reverse primers for *DCL1* expression |
| RDR4qpcr1\_F TGCCGAGAAAGCAACCTGATRDR4qpcr1\_R GGAACAATGGTGCGCGATAC | Forward and reverse primers for *RdRP4* expression |
| RDR2qpcr1\_F ACCACAACCAGACGAATGGARDR2qpcr1\_R TGTCGTAGTTGATGACGGCAA | Forward and reverse primers for *RdRP2* expression |
| RDR3qpcr2\_F GCGGCCTGTAAGTGGTATTGRDR3qpcr2\_R GGGCACCTCTCTTGTTCAGG | Forward and reverse primers for *RdRP3* expression |
| β-Tubulin\_F ATCTCGAGCCCGGTACCATGGβ-Tubulin\_R CTCGGTGTAATGACCCTTGGCC | Forward and reverse primers for Fusarium β-Tubulin reference gene |
| EF1a\_F CAAGGCCGTCGAGAAGTCCACEF1a\_R TGCCAACATGATCATTTCGTCGTA | Forward and reverse primers for Fusarium *Elongation Factor A* reference gene |