**Table S2.** Primers used for genotyping of the *Fg* transformants.

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| --- | --- |
| DCL2\_R\* GTCTAACTGACCTAAAGTCCATGATTGAGA | Reverse primer located in *DCL2* downstream flanking sequence (used with hygromycin forward primer) |
| AGO1\_R\* ATGGCTTCCCAAAGGTAACCTAGGCTCGAC | Reverse primer located in *AGO1* downstream flanking sequence (used with hygromycin forward primer) |
| RDR1\_R\* ATTTCGCACCACGTATCGGCGTGACCTTAC | Reverse primer located in *RdRP1* downstream flanking sequence (used with hygromycin forward primer) |
| QDE3\_R\* CAGTCTTCTCCCTCAGCCCAGATCGGAAAC | Reverse primer located in *QDE3* downstream flanking sequence (used with hygromycin forward primer) |
| QIP\_R\* CCTCGATATCGTAGATGCTCGGCCTCCAAG | Reverse primer located in *QIP* downstream flanking sequence (used with hygromycin forward primer) |
| AGO2­\_R\* TATTCAAACAACGTATGATTTTCTTTTCTT | Reverse primer located in *AGO2* downstream flanking sequence (used with hygromycin forward primer) |
| DCL1DAR\* AACATCCACGCTTGACAACCAAGATTCGGA | Reverse primer located in *DCL1* downstream flanking sequence (used with hygromycin forward primer) |
| HygB2\*\_F CACTCGTCCGAGGGCAAAGGAATAG | Forward Hygromycin primer |
| RDR4flank\_R GTCACACACAGAAGGTTGAACCAGTAGCTG | Reverse primer located in *RdRP4* downstream flanking sequence (used with hygromycin forward primer) |
| RDR2flank\_R TGCGCTCGATATGGATGGAACTTGCACGGG | Reverse primer located in *RdRP2* downstream flanking sequence (used with hygromycin forward primer) |
| RDR3flank\_R GCTTATGTTAACAAACCACGATTCTGTATA | Reverse primer located in *RDR3* downstream flanking sequence (used with hygromycin forward primer) |
| RDR2G\_F CAATCTCCCATCTCTCTGAATAAC  RDR2G\_R CATCGCGAGTAGTGGAAAAACACTG | Primers amplifying part of *RdRP2* |
| RDR3G\_F ATGGAAGTCATCTGCCGAAATGTC  RDR3G\_R AGGCTTGACCAATACGTGCTGCAC | Primers amplifying part of *RdRP3* |
| RDR4Gf\_F CAGTACACTCCAGCTTGGGAAGACC  RDR4G\_R CCAGGATTCGTTCCTCCCCCCATAAC | Primers amplifying part of *RdRP4* |
| QDE3fg\_F GCCGATCGGAGAGGAAGACAACGAACTCTT  QDE3rg\_R GACACTACTTTGAAACACAGGCTGAGTGCC | Primers amplifying part of *QDE3* |
| RDR1\_fg\_F GGTGCTCCAAGCACCCAAACAACATATTTG  RDR1\_rg\_R TGGACTTGTGAGGAGGACGAGGGTGCCCA | Primers amplifying part of *RdRP1* |
| QIP\_fg\_F CACAAGGACTTTGCTTTCTGTCCGTTTAAG  QIP\_rg\_R GCATGCCCTGGGTGTCGATAGGCTCTCTCA | Primers amplifying part of *QIP* |
| FgAGO1\_F TCCTCTCCAATTTCTTCCCCG  FgAGO1\_R TGACTTCGACAGAACCGGAC | Primers amplifying part of *AGO1* |
| FgAGO2\_F GGGATGGTGGCAAGTTCCTA  FgAGO2\_R CTCCCTTTTGGATGTCGGCT | Primers amplifying part of *AGO2* |
| FgDCL1\_F TGGTCTGCACTGCTCACATT  FgDCL1\_R ATATTGCCAAGGGTGCTGCT | Primers amplifying part of *DCL1* |
| FgDCL2\_F ACAAGCCCAATCTTTCCCGA  FgDCL2\_R ATTCCCGAGCGTCGGATGA | Primers amplifying part of *DCL2* |