**Table S1.** Primers used in the present study.

|  |  |  |  |
| --- | --- | --- | --- |
| Primers | Sequence | Gene ID | Remarks |
| *SlDCD2*-F | GAAAGATTGCTCAAGAAACGGG | Solyc01g008900 | qPCR |
| *SlDCD2*-R | GAGCTAGACCAAACATACCGAG |
| *SlDCD1*-F | TGGAACCTGCCTAATTTACCG | Solyc03g098230 | qPCR |
| *SlDCD1*-R | GCTTTCTGACCTTGTTTCCAC |
| *SlPAL*-F | TGATGAACGGAAAGCCTGAA | Solyc09g007910 | qPCR |
| *SlPAL*-R | CTGAGCTGCCTTGACATAAG |
| *SlPUB24*-F | CAGCGATATGGCGGGTAAAG | Solyc03gl13870 | qPCR |
| *SlPUB24*-R | CTCCCGAGTCGAATCATCCA |
| *actin*-F | GGTAACATTGTTATGTCTGG | AY647218 | qPCR |
| *actin*-R | CTTGACCTTCATCGACG |
| *SlTubulin*-F | TAGAGCCTGGTACGATGGATAG | Solyc08g006890 | qPCR |
| *SlTubulin*-R | CAACTCAGCGCCTTCAGTATAA |
| *SlDCD1*-F1 | GTCAGAAGCGAAGCCCATGGAGG | Solyc03g098230 | construct CRISPR/Cas9-*SlDCD1* |
| *SlDCD1*-R1 | AAACCCTCCATGGGCTTCGCTTC |
| *SlDCD1*-F1 | CGAGTTGCCAATGGAGTAG |  |  |
| *SlDCD1*-R1 | CAAGCAGACACACACAAACC | Solyc03g098230 | identification of *dcd1* mutants |