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Figure S1. Nucleotide and amino acid sequence of *CpCCD7*

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Figure S2. Nucleotide and amino acid sequence of *CpCCD8*

Table S1. Primers used for *CpCCD7* and *CpCCD8* PCR and quantitative real-time PCR (qRT-PCR)

|  |  |  |  |
| --- | --- | --- | --- |
| Primer sequences (5’-3’) | Primer sequence (5’-3’) | Purpose of  primers | Annealing  temperatures℃ |
| CpCCD7-F | GATCTCTCGATATTATATCGTGAGTT | Full-length amplification | 56 |
| CpCCD7-R | TACAAGTGATTATGATTTCCATTATC |
| CpCCD8-F | CATTCTGGCCATGGCTTCTCTATC | 56 |
| CpCCD8-R | CATCCATGCTCATCATCATTGTCG |
| qRT-CpCCD7-F | GGAATGTTCTCCGACGACTATGG | Real-time quantification | 58 |
| qRT-CpCCD7-R | CATCACCTTCGTGTTCCCCAAC |
| qRT-CpCCD8-F | CGTATTGCCCGATGCTAAAGTTG | 58 |
| qRT-CpCCD8-R | TCCGCAAGCATAAGCGTATCTGT |
| CpActin-F | AGGCTAAGATTCAAGACAAGG | 58 |
| CpActin-R | TTGGTCGCAGCTGATTGCTGTG |
| CpTublin-F | GTGCATCTCTATCCACATCG | 58 |
| CpTublin-R | CAAGCTTCCTTATGCGATCC |
| qRT-AtBRC1-F | TTCCCAGTGATTAACCACCAT |  | 56 |
| qRT-AtBRC1-R | TCCGTAAACTGATGCTGCTC |  |
| AtActin-F | GACTCAGATCATGTTTGAGACCTTT |  | 59 |
| AtActin-R | CCAGAGTCCAACACAATACCG |  |

Table S2. Primers used for plasmid construction

|  |  |  |  |
| --- | --- | --- | --- |
| Primer  name | Primer sequences (5’-3’) | Purpose of  primers | Annealing  temperatures℃ |
| CpCCD7-F | GGGGACAAGTTTGTACAAAAAAGCAGGCT  *att*B1  TATCAGATGTCTCTCTCAGTGCCAGC | PGWB551 | 66 |
| CpCCD7-R | GGGGACCACTTTGTACAAGAAAGCTGGGT  *att*B2  TACAAGTGATTATGATTTCCATTATC |
| CpCCD8-F | GGGGACAAGTTTGTACAAAAAAGCAGGCT  *att*B1  ATGGCTTCTCTATCAGTCTCTGTTG | 65 |
| CpCCD8-R | GGGGACCACTTTGTACAAGAAAGCTGGGT *att*B2  ATTCTTTGGAACCCAACATCCATGG |
| CpCCD7-F | GGGGTACC TATCAGATGTCTCTCTCAGTGCCAG | pCAMBIA  1300 | 63.5 |
| CpCCD7-R | GCTCTAGA ATGTGGTGCCCAAATTCCATGGAAT |
| CpCCD8-F | GGGGTACC CATTCTGGCCATGGCTTCTCTATC | 63.5 |
| CpCCD8-R | GCTCTAGA ATTCTTTGGAACCCAACATCCATG |