**S2 Table. Primer sequences used for qRT-PCR analysis.**

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| --- | --- | --- |
| Gene name | Forward primer(5′→3′) | Reverse primer(5′→3′) |
| CaDHN1 | AGTGATCATTCTTTGCTTTATTC | TTAACTTTCTCACCAAACTCAGA |
| CaDHN2 | CGTTACAAGCCAAGACCAAAT | CCCTCAGCATGGTGATCTTTC |
| CaDHN3 | ATGGCACATAACGGTACTAGCC  | CCCTTCATCTTTCTTCATAGCAT |
| CaDHN4 | TGTCGCACTACGAGAACCAATAT | TCCCTCCAGTACGATGGACTG  |
| CaDHN5 | GGCACAATACGGTAACCAAGAC | GTGCCAGTACCTCCACCCAT |
| CaDHN6 | TGAACATGGAAATCCAATTCAAT  | CCGTTTCTGGCAATTTTTCA |
| CaDHN7 | ACGCCGACCAATGTGGTAG | TTTTTGCTTATCACTGCTTTCAT |
| Mn-SOD | CTCTGCCATAGACACCAACTT | CCAAGTTCGGTCCTTTAATAA  |
| POD | GCAGCATTCCTCCTCCTACT | ATTTCTTTGCCTTGTTGTTG |
| UBI-3 | TGTCCATCTGCTCTCTGTTG | CACCCCAAGCACAATAAGAC |

Primers were designed by Primer Premier 5.0, and their specificity was checked by NCBI Primer BLAST. Ubiquitin binding protein gene *UBI-3* from pepper was used as the reference gene.