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| **Supplemental Table 1. The primer sequences used in qRT-PCR for detection the expression patterns of *NtEDR1-like*genes** |
| Gene  | Forward (5' - 3') | Reverse (5' - 3') |
| *NtEDR1-1* | CCAACGACGCTCAATCTA | CCGCCACCAGCACTCACC |
| *NtEDR1-2* | CCATTTATGAGCACCAGCGAAGT  | ATCATTACCGCTTGACCTATCT  |
| *NtEDR1-3* | GGAAATGAATCTCCCTCTTCTA | TCTTGTCCCTGCTCCTTCGTAA |
| *NtEDR1-4* | TTCATCGGTCCAACAATC  | AACCCAGTTCTTATCCACAA |
| *NtEDR1-5* | CTTCCTGCTGGTGGTA | CTCAAACTGCGTGCTT  |
| *NtEDR1-6* | TTGTTGCTAATAGAATGGGAGG  | AAGACAGCCAAGAGGAAGAATG |
| *NtEDR1-7* | CAGGACAAACTGACCGAAATAA | CTGGAGGGACAGGTAACCGAGA |
| *NtEDR1-8* | GAAAGTGCCCGCATTCCATCTA | ATGATTGCAGACTACCTTAGCG |
| *NtEDR1-9* | CTTGCCAAACAGTATTTCTCAG  | TCTCCATATTATTTCGGTCAGT |
| *NtEDR1-10* | CCTGGTTGATTTGGTCGGTAAG  | TATCTCGGAAAGCGCAAAGGTG |
| *NtEDR1-11* | ATCGGGTAGTTTATGCTG | GGTCTTTCGTTTGGCTCT |
| *NtEDR1-12* | TGGAGGCAAGAGGTAGAAC  | TGAACCAGCACCAACACG |
| *NtEDR1-13* | GGCAGGTGAATGATGAAA  | AAGAATCCAATCCCGACA |
| *NtEDR1-14* | GTTACCCTCGTCTCCCAATG  | CCCAAAGAATCCAATCCC |
| *NtEDR1-15* | GGTTCGGGAGGGTCGCATAG  | ACGAGCCGCAGCCGTCAT |
| *NtEDR1-16* | GTTGGACCAGAGGAGACG | CGACAGACCGAAATCACA |
| *NtEDR1-17* | CCAGATCGGGTAGTTTATGC  | TATTCGCAGTCTAGCAGTCG |
| *NtEDR1-18* | AATGGCACGGAACTGAAGTA | TTGAAAGGTTTGGAGGACGA |
| *NtEF1a* | GCATTGCTTGCTTTCACCCTT | AACCTCCTTCACGATTTCATCATACC |