**Supplemental Table S1. Sequences of qRT-PCR primers used in this study**

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| --- | --- | --- | --- |
| Gene name | Locus | Forward primer | Reverse primer |
| *eEF1a* | LOC\_Os03g08020.1 | TTTCACTCTTGGTGTGAAGCAGAT | GACTTCCTTCACGATTTCATCGTAA |
| *OsNCED3* | LOC\_Os03g44380.1 | TACGGCTTCCACGGCACGTTC | AGAAACGTGGAGGTGTTCGATCG |
| *OsNCED4* | LOC\_Os07g05940.1 | ATTGCACGGCACCTTCATTG | ACCGCTAAACTATTTCAACTCCCT |
| *OsLip9* | LOC\_Os02g44870.1 | CGGCGGCCTCTTCGAGACAAC | TGCCAGATTGCCAGCCCGTC |
| *OsRab16* | LOC\_Os01g50700.1 | CACGAGTTCAGGGATCTAGGC | AGTTGTCCATCCTCTCAAGCAA |
| *OsNPR1* | LOC\_Os01g09800.1 | CACGCCTAAGCCTCGGATTA | TCAGTGAGCAGCATCCTGACTAG |
| *OsWRKY45* | LOC\_Os05g25770.1 | GGACGCAGCAATCGTCCGGG | CGGAAGTAGGCCTTTGGGTGC |
| *OsWRKY13* | LOC\_Os01g54600.1 | AGCTGCCACGCGAGCAAGTC | GTCCGTCAGCCACCGGCTCAG |