**Supplementary table 1 Details of primers used for RT-qPCR in this study**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Gene ID | Gene annotation | Database | Forward sequence (5-3’) | Reverse sequence (5-3’) |
| *TRINITY\_DN8803\_c0\_g1\_i1* | auxin-responsive protein | KEGG | AGCAGAACAGATACGAGGAACT | GAGGCATGTAAGAGGATCAGGA |
| *TRINITY\_DN39089\_c1\_g3\_i1* | palmitoyl-protein thioesterase | KEGG | ACAAATGAGCCGTCTGGGTAG | CGCTTCAGCAGCCTAGAGAAT |
| *TRINITY\_DN19358\_c0\_g2\_i1* | protein phosphorylation | GO | TTTGGGCAGAGTCCGAACAG | CACCAGGTCCTTGGCACTT |
| *TRINITY\_DN25050\_c0\_g1\_i1* | calcium-binding protein | KEGG | GTCCACCATCCAGTCTCACAT | CGAACACCTTGAATGCCTCTG |
| *TRINITY\_DN26890\_c0\_g1\_i3* | protein phosphorylation | GO | TAGCCGAATTAGGAGCACCAG | CGAGGAGAAGCCACAACCAT |
| *TRINITY\_DN38693\_c3\_g9\_i1* | serine/threonine-protein phosphatase 5 | KEGG | CCGTTCTGGGCTAGGGTTT | CCGCTTAATTGCTCGTGGTT |
| *TRINITY\_DN35488\_c0\_g2\_i1* | starch and sucrose metabolism | KEGG | GAGAGCAGAGCGTACCACAT | GACGGCGGAGTACACCATTA |
| *TRINITY\_DN30661\_c0\_g1\_i2* | fatty acid metabolic process | GO | GCGTAGGTCAATGTCAGTAGCA | GCATCAAGAGGCAGAGGAAGG |
| *TRINITY\_DN36596\_c0\_g1\_i2* | photosynthesis | KEGG | GCTTCCTACTCCTTCCGATTGT | TGCCTTGAGACCAGTGAATGAA |
| *TRINITY\_DN38940\_c0\_g1\_i1* | plant hormone signal transduction | KEGG | CTTACTGCCACTGCCATTGC | TACTCATCCTGCGTGAAGAACA |
| *TRINITY\_DN24790\_c0\_g2\_i2* | ABA responsive element binding factor | KEGG | TGTCTCCTCCGCACTCCATAT | CAGCCGTCTGTCTACTCATTGA |
| *TRINITY\_DN30916\_c0\_g2\_i3* | MAPK signaling pathway | KEGG | GCGGCTTTGTAGGCTGTGA | CCATCTGCGACGGTATCTTGA |
| *TRINITY\_DN38458\_c1\_g4\_i1* | trehalose biosynthetic proces | GO | TGCTTGGCGTTGATGATATGGA | TCTCAGCCTGGACTTCCTCAA |
| *TRINITY\_DN21214\_c0\_g2\_i2* | plant hormone signal transduction | KEGG | ACACTTGAACTGGTACAGGAGA | CACAGATAGAGCAGCAGAGACT |
| *TRINITY\_DN26855\_c1\_g3\_i1* | auxin-responsive protein | KEGG | TCTTCTCTTGAACACGCTCTGA | GATGCCATTGATGTGTCCTCTG |
| *HIS* | histone H3.3 | 　 | AGAGCCATGCAGTGTTGGCA | CTTGGCGTGGATGGCACAGA |