|  |  |  |  |
| --- | --- | --- | --- |
| Gene Name | Description | ID  | Primers |
| *CAT* | Catalase | Unigene30041\_All | F:CCACAGAGTTCACAGCCTGA |
| R: AACCGTTCAACTCCACCTTG |
| *TRR* | Thioredoxin reductase | CL355.Contig5\_All | F: ATTGACTGGCGCAGAGAAGT |
| R: TTTCGTGTCGGAGAAGACCT |
| *AP2* | AP2-like factor | CL934.Contig12\_All | F: GGAAGAGGAAAAAGCCAAGC |
| R: GGAGTTCTCGTCTCCTGCAC |
| *WRKY22* | WRKY transcription factor 22 | CL2285.Contig4\_All  | F: TGTCGACGATCACAGGAGAC |
| R: TATCGCCGGAACTCTTATCG |
| *SUSY* | Sucrose-phosphate synthase | CL2626.Contig4\_All  | F: ATCACCGGATTCGATGAGAC |
| R: CGTTTTGCTTTCCTTTGAGC |
| *DOX* | Alpha-dioxygenase | CL4125.Contig8\_All | F: CTTCAGCTGTGATTGCCAAA |
| R: AGTCCCACCAATCCACTCAG |
| *ACAA1* | Acetyl-coa acyltransferase 1 | CL10456.Contig6\_All | F: CGGAGGTGGGGGATATAGTT |
| R: GCCAATCGCATCTACAGTCA |
| *SSY* | Sucrose synthase | CL14150.Contig25\_All | F: TCCTCATCGTGACTCGTCTG |
| R: GCAACATCCTCGGTGTACCT |
| *MYBP* | Transcription factor MYB, plant | CL1346.Contig5\_All | F: TAGGTCTCCGGATGAGATGG |
| R: ACCGTCCACCACCAGTAAAC |
| *ETR* | Ethylene receptor | CL2232.Contig4\_All | F: TGTGGCTGCTATCAGAATGC |
| R: CCTCAAGCTCTTCCCTTGTG |
| *ABF* | ABA responsive element binding factor | CL4581.Contig8\_All | F: AGCAACTCTGGCTTTTGCAT |
| R: TGCAGGTGATAACTGGCTTG |
| *PP2C* | Protein phosphatase 2C | CL9193.Contig2\_All | F: ACGGGATATGGAAGATGCTG |
| R: CGGTCCATCCTTGTGAAACT |
| *ACTIN* | ACTIN |  | F: GAAAGAGGTCGTGGTGGAGA |
| R: AGGAAGCTAACCACGCAATG |