**Supplemental Table 1. Primers and probes used for qRT-PCR analyses.** This table describes the nucleotides sequences of the primer pairs used during qRT-PCR analyses. The numbers of the probes from the Roche Universal Probe Library used to detect the amplicons produced during these assays are also indicated. Note that qRT-PCR analyses of transcripts from the *CrMYC1*, *CrMYC2*, *CrWRKY1*, *CrWRKY2*, *CrBPF1* endogenous (CrBPF1en), *CrBPF1* trans (CrBPF1tr), *BIS1*, *T16H2*, *MAT*, *T19H*, *DXS1* and *DXS2B* genes were performed using SYBR Green and therefore did not use a probe from the Roche Universal Probe Library. The CrBPF1tr\_F primer binds to a region of the transcript encoded by the pERKT-CrBPF1 plant transformation construct that is coded by sequences present on the vector, rather than on the *CrBPF1* gene.

|  |  |  |
| --- | --- | --- |
| **Primer name** | **Primer sequence** | **Probe #** |
| ORCA2\_F | tcaacaacgattttgatttttca | 126 |
| ORCA2\_R | tccgaagcataatttggtga |
| ORCA3\_F | ttccagctcggaattgactt |  |
| ORCA3\_R | cgaccaatttagaaaatctgcaa |
| CrBPF1en\_F | tgcgtgcttttgacaatgc |  |
| CrBPF1en\_R | aaactccaaactcagaaattaatccg |
| CrBPF1tr\_F | tttggagaggacacgctgaa |  |
| CrBPF1tr\_R | cgctactgcagccagcaat |
| CrMYC1\_F | gtttccgatgaacagcgctac |  |
| CrMYC1\_R | cctcattcatggcattggc |
| CrMYC2\_F | aaaaacaaccaccctgcagc |  |
| CrMYC2\_R | aatcggctccccattctca |
| CrWRKY1\_F | ttggtcccgacgatattcgt |  |
| CrWRKY1\_R | tcgtttgtaagagcctttccg |
| CrWRKY2\_F | tgctagaaataacggccagaat |  |
| CrWRKY2\_R | ccctctttcaactgtagaaaac |
| BIS1\_F | agagccgctcgtactcccat |  |
| BIS1\_R | ccttgggaggtcaaattctca |  |
| ZCT1\_F | tctcggaggtcatatgagacg | 58 |
| ZCT1\_R | cgcctttgcaacaggtttat |
| ZCT2\_F | aaaaacccttaattttctccatatttc | 9 |
| ZCT2\_R | tctcgtacgcttcatcggta |
| ZCT3\_F | cgcagcaacacaatattcctt | 143 |
| ZCT3\_R | acacttgtagagaagcttaggagga |
| GBF1\_F | cagagaaagctatgagggcaag | 18 |
| GBF1\_R | cacccatcaccttttcagttg |
| GBF2\_F | agaatctgctcggcgatcta | 96 |
| GBF2\_R | cgctgagccaattcatca |
| TDC\_F | aaaatgttcgaagaatgggttaga | 109 |
| TDC\_R | gtttctcggtaccacaatttcg |
| DXS1\_F | cttcccaagacggtgctttg |  |
| DXS1\_R | ggtcataagccctttgcatga |  |
| DXS2A\_F | gagcactcagcagtgcctta | 125 |
| DXS2A\_R | gcttcccgtaattgcctaaa |
| DXS2B\_F | atagagcagggctggtgggt |  |
| DXS2B\_R | ggcaaccatgtgcatcaatt |  |
| G10H\_F | gtacaggaactaattgcgtattgc | 106 |
| G10H\_R | cgacgtcaaccgcttctc |
| CPR\_F | ttgcagtgaggaaggagctt | 67 |
| CPR\_R | aatccaaatgggtgcaagaa |
| STR\_F | ttctatggctttttgaaggttaca | 63 |
| STR\_R | catatatgtagcagcagacactcaaa |
| D4H\_F | tgaactttcatgctgctacactc | 143 |
| D4H\_R | ccagcctttgtctcatcaaaa |
| DAT\_F | cacggtagcagggaaatcag | 142 |
| DAT\_R | ctggaaatggcaaagattgg |
| EF1\_F | ccgtctcccacttcaggat | 119 |
| EF1\_R | cacgaccaacagggacagta |
| UBQ11\_F | cgtcaaggctaaaattcagga | 31 |
| UBQ11\_R | gaatattgtagtcggccaaggt |
| SGD\_F | cattggtgaaccgtgctatg | 121 |
| SGD\_R | agattgtagagtccagatggaaca |
| T16H1\_F | tgattttaaaggaaattcattcgag | 77 |
| T16H1\_R | tgcccggacatatccttc |
| T16H2\_F | agtcaatgcatgggctatcg |  |
| T16H2\_R | caccaccaaacggcagatac |  |
| LAMT\_F | gaagcccacccaatgaaa | 9 |
| LAMT\_R | ggtagcaagaattttgggagtaac |
| 16OMT\_F | tggagagtataagttcttgtttgagg | 139 |
| 16OMT\_R | cggtaccgcctcctatatca |
| PRX1\_F | actttgcaacaagggcagac | 31 |
| PRX1\_R | gggcacttgtgttgcttgt |
| AS alpha\_F | aggctaaggagcacatcctg | 151 |
| AS alpha\_R | cgttcaaaacgctgacttagg |
| T19H\_F | gaggcactccggttacatcc |  |
| T19H\_R | tctctcgctattgcccaagc |  |
| MAT\_F | cgaaggccattgagtttggt |  |
| MAT\_R | gaaaggcaaagattggcca |  |