|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cluster | Transcript ID | Primer sequence (5`-3`) | Amplicon size (bp) | Annealing (oC) |
| 4 | KJ634217 | F: TCAATTCTAACTCCTCCATTGC | 300 | 47 |
| R: TGTTATGTCAGCACCATACTTC |
| comp30166\_c0  (bHLH48) | F: CCAGAATTGGCTCATGAATTTC | 290 | 47 |
| R: TCTTCAGGCCAAAATTCTTCAG |
| 7 | KJ634222 | F: CTCCGATATGAACAACGACC | 300 | 47 |
| R: ACAGTTTCATTTCCAGCCTC |
| KJ634224 | F: AAGATTGGTGTGGCAATGG | 298 | 47 |
| R: CCCAGTATAGTTTGGTCACAAC |
| comp10042\_c0  (WRKY40) | F: TTGGATCTTAATGTCAAGCCTC | 280 | 47 |
| R: TATCATCAGTTCCTCCTCCTCC |
| 8 | KJ634231 | F: GGTTGCCTTTTCAAGCTCC | 281 | 48 |
| R: GCAGTGTAACCATGACTACC |
| comp30166\_c0  (erf034) | F: CCAGAATTGGCTCATGAATTTC | 284 | 47 |
| R: TCTTCAGGCCAAAATTCTTCAG |
|  | *actin* gene | F: GTATTGTTGGTCGTCCAAGACACACTG | 250 | 55 |
| R: CTGTTGGCCTTGGGATTAAGAGGTGC |

Table S1. Primer sequences, amplicon sizes and annealing temperature utilized during semi-quantitative RT-PCR used for validating RNA-Seq analysis for three transcription factors (bHLH48, WRKY40 and erf034) and four *uspA* (IDs KJ634217, KJ634222, KJ634224 and KJ634231) genes of clusters 4, 7 and 8. The *actin* gene was used as the house-keeping control.