Table S1. Primers used for RT-PCR to measure expression levels of analysed genes.

| Name    | sequence 5’-3’                     | Tm (°C) |
|---------|-------------------------------------|---------|
| bHLH29_F | CCGTGCGGGTGCTGCTGAT                | 59      |
| bHLH29_R | CGGTCGGTGGTGAACCTCTCA               | 58      |
| bHLH38_F | CCGACACAGTTGGAGCTATGC              | 59      |
| bHLH38_R | CTGGTACGTGGACACTGCAA               | 59      |
| bHLH47_F | GCTACACTGTCTGCTCTCCATCCT           | 60      |
| bHLH47_R | TGGCGAGGTACCCGAACACAA              | 60      |
| WRKY33_F | CCCACCGTGTGCAACTTGTA              | 59      |
| WRKY33_R | GAGGAGCTACGCGCAAGAGGT             | 58      |
| ZIP4_F   | CAAGGCAACGTATGAGCAGACACT          | 59      |
| ZIP4_R   | TCCTGAGCGGAGGATGAG                | 60      |
| ZTP29_F  | CACCCGAGGAGTTTGACCAA              | 58      |
| ZTP29_R  | TAGAGACACCCAAGAAGACTCATCT         | 58      |
| YSL1_F   | CTTGTTGCTGGACCCTAGTC              | 58      |
| YSL1_R   | CCGTCTTGAGCTCTGGCATCAA            | 59      |
| YSL2_F   | CACATAGAATGTCAGGCGGTGAGA          | 59      |
| YSL2_R   | CAATGCTTATTGGCCAGATCA             | 60      |
| ZIF1_F   | GGAGGACGACGCTTGCTTC              | 59      |
| ZIF1_R   | ATCATTTTGATCCCTGGAAAGA           | 58      |
| ZIFL1_F  | TTCTCATGGGCGCAAAAAAC             | 58      |
| ZIFL1_R  | AACCAGCATCAAGAATACCCTTG          | 58      |
| ZIFL2_F  | GCAGGAGCAGGTTCTCGTTC              | 59      |
| ZIFL2_R  | TCATTGAATCCCGCCTGGAAAGA          | 58      |
| HMAS5_F  | GCACCTTTGAACTGACGCTATT          | 59      |
| HMAS5_R  | AATTACATAGCTCAGAACATCAATCA      | 58      |
| NAS2_F   | CTCGGGTTGGCAAACTC                | 59      |
| NAS2_R   | GTGACGGTGTCGGCAAGATG            | 59      |
| NAS3_F   | TCATCTGCTGTAACCTCGTCAAT         | 58      |
| NAS3_R   | GGCACAAACACACAAACACA            | 58      |
| NAS4_F   | TCAGGCGACACATTCTTTC             | 58      |
| NAS4_R   | GGGCATCCATGTATAGCTTGCTT          | 59      |
| NAAAT_F  | ATGGATTTCCAGCGAGTCGAT        | 58      |
| NAAAT_R  | GCTGGAGGTTGGACATTTCG           | 59      |
| NADH_F   | CCCCTAGAGTACGCTGAATAACGAA      | 60      |
| NADH_R   | GTTCAACTTTATGATTCTCCTATCCGTAGA  | 60      |