Primer sequences used in this study.

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| **RT-qPCR analysis** | | |
| AT5G53830 | ACGCCACTGAGAAGCAACGATG | Forward |
| TCTAGGAGTTGAGACTGGAGATGGATG | Reverse |
| AT5G55660 | TCTGGTTACAAATGGCAAGGAGATGAG | Forward |
| TGTGGTAGCCTTAGCAACTGATATGTC | Reverse |
| AT5G57580 | GCACAGAGGTATGGTGAAGTAGAAGG | Forward |
| AACGAGCAGAAGAAGGCGAAGATG | Reverse |
| AT5G57610 | GCACAGAGGTATGGTGAAGTAGAAGG | Forward |
| AACGAGCAGAAGAAGGCGAAGATG | Reverse |
| AT5G57870 | CTGTTTGGTGAGGAAGGGACTTGG | Forward |
| AGAGAAGCGACTTGCGGATTGAAC | Reverse |
| AT5G60410 | GAGGTGGAGATGATAATGCCGACAG | Forward |
| CCGCTCATAGGACACCGAAGATTG | Reverse |
| AT5G61210 | GCAAATCTTCCCAAGCATAACTCAGTC | Forward |
| CATATCAGCCAAAGAGGGTTCAGAGG | Reverse |
| AT5G62220 | CTCCACCACCTCCATTGATCGTAAG | Forward |
| GAAGCGGCGATGTAGGAAGAGC | Reverse |
| PR1 | GCT CTT GTA GGT GCT CTT GTT C | Forward |
| GCC TCT TAG TTG TTC TGC GTA G | Reverse |
| ACTIN8 | TGTGCCTATCTACGAGGGTTT | Forward |
| TTTCCCGTTCTGCTGTTGT | Reverse |