**Table S1.** The primer sequence.

|  |  |
| --- | --- |
| **Primer comments** | **Primer sequence** |
| *CYP82D102* cloning | F: ATGGAACCGCTGTTTGCTTTAR: ACTTTATAATCTTGTGCTGATAGGCG  |
| qRT-PCR of *CYP82D102* | F: CATGCCATTGGCGATGATTGTCATACGCAAR: GGAAGATCTGATAATTCATAAACTTGAGGTGG |
| Csa3G852580 | F: ACCGAGGATTGCACAATTGGR: TCCGGTTTGAACTTTGAAGGC |
| Csa3G852560 | F: TGCCCGTAAACGCAAAGAACR: AGGCTCCTAAGGTTTGATGAGG |
| Csa3G852610 | F: ATCTCGCCCGAAATTTGCTGR: AGCCTGTTCATACGGTGGTTAG |
| Csa3G853140 | F: AATAGCCACACTCGAACTCCTGR: AAGTTCCTCCATCCATGTCTCG |
| Csa3G852600 | F: CCCGAGCGATTTTTGACAACR: ATGCAAGAACCCAGCCAAAG |
| Csa3G852590 | F: AATCCATCACCATGCTCGTCR: TGTACTGTTGCCACTTCTGC |
| Csa3G852640 | F: TGCTCGTCGAAACAAACTCCR: TATGTGCGCTGGTTCTGTTG |
| Csa3G852630 | F: CGCCATGTTCGCAAGTTAACR: TTGGACCTCGGATACCCTTATG |
| Csa3G853160 | F: AAACTGCAACCACCTGAAGCR: ATTGGTCCATGAGCATCTGC |
| NPR1 | F: CGACGGTATTTCCCTCATTGR: CTTCTTCCGCTGCTCTTCTG |
| PR1 | F: TGGAGAAATACGCAAAGGATGGR: CAGGCGGATCATAGTTACAAGTCA |
| PR2 | F: TGGTCACTGCAACCCTGACAR: AGTGGCCTGGAATCCGACT |
| PR4 | F: ATACGGTTGGACTGCCTTCTGTR: CGAAGCTCCCGTTTCAGTGTTAG |
| PR5 | F: CATCCGGACACGGCAGCTR: TCCATGTACTGCTTCAGAGCG |
| LOX2 | F: AAGGTTTGCCTGTCCCAAGA R: TGAGTACTGGATTAACTCCAGCCAA |
| JAR1 | F: CCTTTGCTGTTCTACCGAR: TACACTTCACCGATCTTGAC |
| CAT2 | F: TCAAACCATGGATCCTTACAAGTR: TGTTCCATACAGGAGCACCA |
| APX | F: GCAGATCTGTACCAGCTTGCTGR: CAGCAATTCCACAAAGTAGGAGTTATC |
| *CsACTIN* | F: ACGCTGTTGGTGGTGGTACR: GAAAGGGGTAAACAGTGAATC |