**Table S1.** Primers used in qPCR.

| Gene name | Gene ID | Description | Primer sequence (5′ to 3′) |
|---|---|---|---|
| *CuPME3* | orange1.1g008261 m.g | Pectin methylesterase | Forward：TTTACCACAATGGCACAACCC |
| | | | Reverse：TTCTTCTTCGGCACCTCCACA |
| *CuPME32* | orange1.1g010718 m.g | Pectin methylesterase | Forward：TTTCTTGGTCAGTGCGGTTTC |
| | | | Reverse：ATGAAAGAGGAGGCTGGCACT |
| *CuPME21* | orange1.1g039111 m.g | Pectin methylesterase | Forward：AACCGTTTGCCAACCCACAGA |
| | | | Reverse：GGAAACTGTCGCCACAACCAC |
| *CuPME48* | orange1.1g039631 m.g | Pectin methylesterase | Forward：TAGCATACCTCAAGGGAACACC |
| | | | Reverse：TGTTCCCTTGAGGTATGCTATT |
| *CsPMEI34.2* | orange1.1g029436 m.g | Pectin methylesterase inhibitor | Forward：GCCCAATCCGCAAAGTCATT |
| | | | Reverse：CCCATCTCATCTAAGCAGTCG |
| *CuPMEI28* | orange1.1g038081 m.g | Pectin methylesterase inhibitor | Forward：GGCATTCCACTCCCGCAAACT |
| | | | Reverse：CAGCCAAGTAAAGGTGGAAGA |
| *CuPMEI34.3* | orange1.1g027094 m.g | Pectin methylesterase inhibitor | Forward：AGACTTGGGTTAGTGCTGCTT |
| | | | Reverse：AGGCTTCATTCCAGGGCTTTT |
| *CuPMEI3.1* | orange1.1g029211 m.g | Pectin methylesterase inhibitor | Forward：GAATAACTTCGTCCGAGATGC |
| | | | Reverse：TTGTCACCGAGACGCCAGCAC |
| *CuPMEI3* | orange1.1g040679 m.g | Pectin methylesterase inhibitor | Forward：GCCTCCGCACGCTATCGTCCTA |
| | | | Reverse：ACCGTGACCGTGCTTGCTTCC |
| *β-Actin* | orange1.1g032498 m.g | -- | Forward: TGACTGATGAGAACTGCCAGAAG |
| | | | Reverse：CCAATTCTCTCTTGAACCTGTCCTT |