**Supplementary Table 1** The primers used for qRT-PCR analysis.

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| --- | --- | --- |
| gene | orientation | sequence |
| *FaAKR23* | Forward | CGCAAAATGATGCCTCGAGAA |
| Reverse | ACATGAGTAGCTGACGCCTTT |
| *FaAKR24* | Forward | CTTCCACAGCGGAAAGGGGT |
| Reverse | TATCCCGGCGGTAAAATTGG |
| *FaCHP1*(reference) | Forward | TGCATATATCAAGCAACTTTACACTGA |
| Reverse | ATAGCTGAGATGGATCTTCCTGTGA |