**Table S1.** A list of primers for qRT-PCR.

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| Gene ID | Primer name | sequence |
| Gh\_A09G1508 | Gh\_A09G1508-qF | GCCTGCGGTTAGGAAAGCTA |
| Gh\_A09G1508-qR | GATCGCATCCCCACCAAAGA |
| Gh\_A09G1509 | Gh\_A09G1509-qF | GCTACCGCTCGATTCTGGAT |
| Gh\_A09G1509-qR | GCAAGCTTCGTTCGTCACTT |
| Gh\_A09G1510 | Gh\_A09G1510-qF | TTGCGGTTGAAAGGTGTTCC |
| Gh\_A09G1510-qR | TGTGGCAAGATGGGATAGGT |
| Gh\_A11G0176 | Gh\_A11G0176-qF | AAGGAGGAGGTGAAGAAGCC |
| Gh\_A11G0176-qR | GCCAGCCTCCTTCTCCTTTA |
| Gh\_A11G0177 | Gh\_A11G0177-qF | GGTTGTCACACCCGAAGAAC |
| Gh\_A11G0177-qR | CATCCACCACCTTGAGTCCT |
| Gh\_A11G0179 | Gh\_A11G0179-qF | GCGCAAGCTCTCAATGTCAC |
| Gh\_A11G0179-qR | TCCTCCTGGTGGGGATGTAG |
| Gh\_A11G0184 | Gh\_A11G0184-qF | TGGGTTCCATGTTCTGTCGG |
| Gh\_A11G0184-qR | TCTGGTTGCCGAAGAGTGAC |
| GhHis3 | GhHis3-qF | TCAAGACTGATTTGCGTTTCCA |
| GhHis3-qR | GCGCAAAGGTTGGTGTCTTC |