

**Table S1 Primers for RT-qPCR**

Gene	Sequence
GH_A10G1076.gene-F	TGTTACCGGCAGATGATGCT
GH_A10G1076.gene-R	TTCCCCATCCACGTGCTAC
GH_D10G1805.gene-F	GAAGGGTTGAAGAGCGTGGA
GH_D10G1805.gene-R	AGGAAACGCCGGTAAGAGTC
GH_D01G2035.gene-F	TACTGGTGCTGTGGTTTCGTG
GH_D01G2035.gene-R	GCTGCACTTTGCAACTCCTT
GH_A12G2244.gene-F	ATCGAAGTGCTGCCAACTCA
GH_A12G2244.gene-R	TGCCAGGGTAAGAGCAAGTG
GH_A09G0088.gene-F	CGAAAGCATCGGTGGAGAGT
GH_A09G0088.gene-R	TCATCCGACAGTCCAAACCG
GH_D05G0316.gene-F	TTATTGGTTGTGGTCCGGCT
GH_D05G0316.gene-R	ACTATGGTGTCCCGCCAAAC
GH_D08G2157.gene-F	CTGGCTTAGGTTCCGAGTCC
GH_D08G2157.gene-R	ACGCACATAGAATCCGCCAA
GH_D13G1471.gene-F	CTGATTGAAAATTCGCCGGG
GH_D13G1471.gene-R	CCCACATTCGATGGGCATA
GH_A02G0791.gene-F	AAGCAAGGGTTGCTACTGCT
GH_A02G0791.gene-R	AACCGCGGGTGATATGGTTT
GH_A13G1534.gene-F	ATAAAGCTGGTGCGCGTTTC
GH_A13G1534.gene-R	ACCTCAGGCTCAACAATGGG
GH_A11G1702.gene-F	TTCATCGGCTACCATTGCC
GH_A11G1702.gene-R	CATGCATTGCACTCTACCGC
GH_D11G1742.gene-F	CGATCTTACACCCGTGCAGT
GH_D11G1742.gene-R	TTCCACATGGTCCAGTAGCG
GH_A03G1577.gene-F	AAGCCACTGACTTTCCCTCG
GH_A03G1577.gene-R	AGCAACCTCCTTCCTAACGC
GH_D01G0967.gene-F	CACCAGGATTCGTGCTGCTA
GH_D01G0967.gene-R	GCCTTGACAACCTGAATGCC
GH_D12G0630.gene-F	GGCCTCAATCGGGCTAGAAA
GH_D12G0630.gene-R	CCGGGGACTATGTTCTGCTC
GH_D02G1748.gene-F	CGTCAGGTGGTTGCTTTGTG
GH_D02G1748.gene-R	AGGATACCCATCACGCCTCT
GH_A12G0256.gene-F	TGAGTGCCAGATGACGTTT
GH_A12G0256.gene-R	AAACCAGCGGCAATTTGGTC
GH_D12G0262.gene-F	AAGCTGGTGACTCCTGATGG
GH_D12G0262.gene-R	ATCCGACTGATCCACACTGC
GH_D07G1195.gene-F	TCATCCCCACCGAACAACAC
GH_D07G1195.gene-R	CAATCCATCCGATCAGCCCA
GH_A12G1558.gene-F	AACCCCAACTTCCAAGCTCAA
GH_A12G1558.gene-R	AACCCCTCCAAGAGCAAGAC
GH_A06G1891.gene-F	GCGTCACATTTCTTCGGGAC
GH_A06G1891.gene-R	TCGCATTGGGGAACCAAACA
GH_A04G0248.gene-F	TTGGGACACTGCTGGTTTGT
GH_A04G0248.gene-R	GAGCTCCTGCCTTGAACCAT
GH-SSU-F	AACTTAAAGGAATTGACGGAAG
GH-SSU-R	GCATCACAGACCTGTTATTGCC