

**Table S6. Primer sequences of qRT-PCR for anther transcriptome**

Unigene ID	Forward primer	Reverse primer
Unigene14049	ATTGTTTGTAATAGAGGAAATAAGAGTGC	GCAAATGAAATTGATGATACAAACTAA
Unigene17886	AATGGGGGAAGTTTATTGGTG	TAATAGCAACCCACAACAACGA
Unigene18453	GAGGGTTCAATCACTACTTCAGGA	ACAGTAGGAATTCAAGCACTTCAGTA
Unigene30842	GGGATGATTTGTGGGAGATTACT	CCTTCATCGGGACTTACTTCAA
CL12121.Contig1	ATGATTCATACAAGCTTAGGCGAT	AAACAATAGTCAATCAAGAGTCTCGA
CL12493.Contig1	TTCTCATCTAGCTATCCATGTTAAAGTT	TCATCATTTCTATGTTGAAGATTGTTT
CL12224.Contig1	AGTGCTGCCCAATCTGCC	CCTCAGTTGCTTCTTGTGCTTT
CL12896.Contig1	ACTGGGACGAACAAATAAGCG	AAAAATGGTAAGAGCACGATGAGT
Unigene6098	TCTGAAGTTGACAAAATAGTAGCGG	TCAAAGTGTCTTCAACTCGGGTAA
CL1152.Contig2	TTTCGTTTGATTTGAGTAATGATGA	ATTTTCTAACACCATCATCCTTCAT