

Supp. Table S1. Sequences of *CANT1* primers

Primer name	Sequence (5'-3')
CANT1-1 F	AAAAACACAAACCACAGCTC
CANT1-1 R	GAGTCAGGGGGCAGAGAT
CANT1-2(1) F	TGTCTATGATCCTATCCCCTTC
CANT1-2(1) R	GAGTGCATAGACTCATTCCATTC
CANT1-2(2) F	GAACTAAGATGTGACTGGGCTTG
CANT1-2(2) R	AATCAGGTCCGATAGCTCCAT
CANT1-2(3) F	AGAGGAAAACACCTGGTTCAGTT
CANT1-2(3) R	ATAAGCTCTTCCTCCTAGAACT
CANT1-3 F	AGTCAGGTGCGGGGTCTAAG
CANT1-3 R	GGCTGTGGAAGCCACACT
CANT1-4(1) F	AGCCCCTTGCCTGCTACT
CANT1-4(1) R	AGCATGGAAAGCAGTTCAGAC
CANT1-4(2) F	GGTTGGAGGTCTGGACAGG
CANT1-4(2) R	GTGATAAGATTTGGTGATTCCAC
CANT1-4(3) F	GGCTGTGCAGTACTTTGAAGTTT
CANT1-4(3) R	GCACAGGGACAGCCAGAG

Supp. Table S2. Sequences of *CHST3* primers

Primer name	Sequence (5'-3')
CHST3-1 F	CTCCCCTCTCTCCCCTCTCT
CHST3-1 R	CGGTGTGGGTGTGCGCAGAT
CHST3-2 F	ACATCCTCTGCATTCCTCGT
CHST3-2 R	CATTTGCAGGTCCACAGAGA
CHST3-3(1) F	TGGAGGACTGCTTAGGGTTG
CHST3-3(1) R	CCCTGCTGGTTGAAGAACTC
CHST3-3(2) F	CAGGGGAGGAAGAGGAAGAG
CHST3-3(2) R	GCGGTTCTTGCAGTGGTACT
CHST3-3(3) F	CACCTGACTCAGTTCATGTTCC
CHST3-3(3) R	GTAGCGCACCAGCATGTAGC
CHST3-3(4) F	GAGGGAAGAGGAGGTGCAG
CHST3-3(4) R	TTCACGAGGAGGGGCATAC