

Supplemental Table S1 The table of primer for qRT-PCR

Gene name	primer sequences
qAcTCP1-F	CCCAGCACGAGATCGACAAA
qAcTCP2-F	AAGAATGCGGTGGGTGAACT
qAcTCP3-F	GGGTTCAATTCCGGGTCTT
qAcTCP4-F	CGCCCGAAAATCTAGCAACC
qAcTCP5-F	CGACCGGCACAGCAAGATAA
qAcTCP6-F	ACAAGTCCGACGGGGAGA
qAcTCP7-F	AGAAAGACAAACCTGGAGGAGG
qAcTCP8-F	GCCTATCGCTGCAATCGTTC
qAcTCP9-F	GGAACCTACCTCCCCATCGC
AcActin-F	CTGGCCTACGTGGCACTTGACTT
qAcTCP1-R	CGAGGAGCCATTTGAGGGAA
qAcTCP2-R	CAACCGTGCTATTGGTGCTC
qAcTCP3-R	GCATCGACGCGAAGCTC
qAcTCP4-R	TCCTGCGGAGCTATTAGGGA
qAcTCP5-R	AAGAGCGAAGAATTTGCCCG
qAcTCP6-R	GGATCTGGAGGGTTCCGTCG
qAcTCP7-R	TGAATGTTCGTTCCCATCACC
qAcTCP8-R	GTTCCAGCAATGCACCAGTC
qAcTCP9-R	CTCTCGTCCTCGTTCCGC
AcActin-R	CACTTCTGGGCAGCGGAACCTTT

Supplemental Table S2 Conserved motif sequences of the TCP family in pineapple

Motif	Motif Consensus
1	KRHTKVGGRRIRLSAVCAARIFDLQDELGHKSPSKTVDWLLQQAEP AI
2	EEEEEEEEEE
3	IAATGTGTVP AIATT
4	LQYQQQQQQQQ
5	HHHHHD
6	RKDRHS
7	VDPNFAKELREKARARARERTREKKRMRWNGLGNGCKIEPM
8	NNNKEGECCEGCKNEWGDLIVPSWDICKKGKVDK