

Supplementary Table S1: Primers used in this study.

Name	Gene ID		Primer sequence
TCTP promoter	AT3G16640	Fw	ttgaagacaaggagCCAACACTCGAATCCCCAC
		Rv	ttgaagacaacattGGTCGCTTATTGATTGTTTTCTCT
ATAF1 CDS	AT1G01720	Fw	ttgaagacaaaATGTCAGAATTATTACAGTTGCCTC
		Rv	ttgaagacaaaagcCTAGTAAGGCTTCTGCATGTACA
ATAF1 RT-qPCR	AT1G01720	Fw	GAGCTTCCTGGTTTAGCCTTGT
		Rv	AACCCAATCATCCAGCCTGAG
PLATZ1 RT-qPCR	AT1G21000	Fw	TCCTCAATGAAAGACCTCAGCC
		Rv	TGGGACCGTAGTCATCGAATCTAA
		Rv (cDNA)	CTTTGATCACCATTGGGACCGT
ACTIN2 RT-qPCR	AT3G18780	Fw	GAATTGTCTCGTTGTCCTCCTCAC
		Rv	TGCAAATCCAGCCTTCACCATAC

Supplementary Table S2: Golden Gate MoClo Vectors used in this study (43).

Kit	Vector Name	Description
MoClo Plant Tool Kit	pICH41295	Level 0 acceptor for promoter + 5UTR
	pICH41308	Level 0 acceptor for coding sequence
	pICH47732	Level 1 acceptor for position 1 modules in forward orientation
	pICH47742	Level 1 acceptor for position 2 modules in forward orientation
	pAGM4673	Level 2 acceptor
	pICSL70005	End-link 2 with lacZ acceptor site
Golden Gate Plant Parts Kit	pICH41432	OCS terminator (<i>A. tumefaciens</i>)
	pICSL70005	Bialaphos resistance cassette