

Table S1 The primer sequences used in this study

Primer name	Sequence 5'-3'	Function
Bra.TFL1-orf-F	CCCCTAACATCGATCTCTCT	Cloning the gDNA/cDNA of <i>BraA10.TFL1</i> and <i>BraA10.tfl1</i>
Bra.TFL1-orf-R	CGATTTGACCTATCGAGACA	
M13F	CGCCAGGGTTTCCCAGTCACGAC	Identifying positive transgenic plants
M13R	AGCGGATAACAATTCACACAGGA	
CEBra.TFL1-F	tatgaccatgattacGAATTCGAGTGAGGAGTCCCAA ATTCT	Cloning the genomic DNA fragment. This is recombinant primers; the underlined sequences are the restriction sites of EcoRI and PstI, and the lowercase letters are homologous 15 bp sequences
CPBra.TFL1-R	gccaaagcttgcctgcCTGCAGTGTGTGCCGGGGATG TTCA	
PT- Bra.TFL1-F	GGCACCCCAGGCTTTACACT	Identifying positive transgenic plants
PT- Bra.TFL1-R	AAACTCGCAAAATCGGTGTCCA	
qRT-braA10-1F	TGAGTTTTTGCCTTAGCTG	Quantitative real-time PCR
qRT-braA10-2R	ACCACCTCTTTCCAAATGT	
Actin-F	CTGTCCCAATCTACGAGGGTTTC	Quantitative real-time PCR; reference gene
Actin-R	CTTACAATTTCCCGCTCTGCTGT	