

**Table S1.** List of primers used in this study.

<b>Name</b>	<b>Sequence (5' to 3')</b>	<b>Purpose</b>
CsTPS3GT_f	CACCATGACGCAGTTAGGAGTAATCTCCAGTAGTAC	Cloning
CsTPS3GT_r 1	TTAAATTGGAATTGGATCGAAGAACATGTTGACAACCTT TGGTCTTAAGATATC	Cloning
CsTPS3GT_r 2	AATTGGAATTGGATCGAAGAACATGTTGACAACCTTGG TCTTAAGATATC	Subcellular localization
CsTPS3GT_ qPCR_f	CATGCCTTGGATCTTCCACT	Quantitative PCR
CsTPS3GT_ qPCR_r	AGAACCACTCCACCACCTTG	Quantitative PCR
CsTPS4WS _f	CACCATGTCATCGATTATTTATTCCCCGTTTACTTCTCT ACTTC	Cloning
CsTPS4WS_ r1	TTATTTTTTTTATTTTAGTTTTATGGTTGTATGTGAGTCT CCAAGTCCATTAATTGGTTTGG	Cloning
CsTPS4WS _r2	TTTTTTTATTTTAGTTTTATGGTTGTATGTGAGTCTCCA AGTCCATTAATTGGTTTGG	Subcellular localization
CsTPS4WS_ qPCR_f	GGAGGATGCCAAGATCTGAA	Quantitative PCR
CsTPS4WS_ qPCR_r	AAATTTTCCCACCACCTTCC	Quantitative PCR
CsTPS5TH_f	CACCATGGCTTCTCCCTTTCTTTATGTCCCTTCTAAAC	Cloning
CsTPS5TH_r 1	TTATATTGTTTGATGAGAGAGAAGTGAGTTGATATAAT TCTGGAGGCC	Cloning
CsTPS5TH_r 2	TATTGTTTGATGAGAGAGAAGTGAGTTGATATAATTCT GGAGGCC	Subcellular localization
CsTPS5TH_ qPCR_f	AACATTCCAGGCCTTGTGTC	Quantitative PCR
CsTPS5TH_ qPCR_r	GGCGTTCCCACTCATTTTTTA	Quantitative PCR
CsGAPDH_q PCR_f	GCACCTATGTTCTGTGGTTGG	Quantitative PCR
CsGAPDH_q PCR_r	ACGGTCTTCTGTGTTGCTGT	Quantitative PCR