

Table S1 Primers used in this paper

Primer name	Primer sequence (5' to 3')	Application
KL- <i>RcTPS7b</i> -F	ATGATGTCCAAATCGTATACC	Gene clone
KL- <i>RcTPS7b</i> -R	AGGTTTCAGGGGCTTCC	
pBI121- <i>RcTPS7b</i> -F	ACGGGGGACTCTAGAGGATCCATGATGTCCAAATCGTAT ACC	Subcellular localization
pBI121- <i>RcTPS7b</i> -R	ACTGACCACCCGGGGATCCTTACGGGGCTTCCTGCTTCG	
pCAMBIA1305- <i>RcTPS7b</i> -F	GGAGAGAACACGGGGGACATGATGTCCAAATCGTATAC C	Overexpression
pCAMBIA1305- <i>RcTPS7b</i> -R	CATCATGGTCTTTGTAGTCTTACGGGGCTTCCTGCTTCG	
pTRV- <i>RcTPS7b</i> -F	CTGTGAGTAAGGTTACCGAATTCTAGCTGCCAAGAGTGG TCAA	Virus-induced gene silencing
pTRV- <i>RcTPS7b</i> -R	CGCGTGAGCTCGGTACCGGATCCGGGGCTTCCTGCTTCG CC	
<i>RcTPS7b</i> -F	ATGTTACCTTCACTTAG	Reverse transcription quantitative polymerase chain reaction
<i>RcTPS7b</i> -R	CATACCTATAATGCTTCTCA	
<i>RcHSF1</i> -F	GTATTTCAAGCACAACAA	
<i>RcHSF1</i> -R	CGGTCAGGTATAATCTTC	
<i>RcCTP</i> -F	GGGTGATGATGCAGCTTT	
<i>RcCTP</i> -R	TTAGCACTTGACCTCCTTCA	
<i>AtActin2</i> -F	TCCCTCAGCACATTCCAGCAGAT	
<i>AtActin2</i> -R	AACGATTCTCTGGACCTGCCTCATC	
<i>AtDREB2A</i> -F	CAGTGTTGCCAACGGTTCAT	
<i>AtDREB2A</i> -R	AAACGGAGGTATTCCGTAGTTGAG	
<i>AtHSFA1a</i> -F	CCAGATACCACAATTGACACGAGAG	
<i>AtHSFA1a</i> -R	GGTATTCCTCAAGCTGAATCG	
<i>AtHSFA3</i> -F	CCAAGGAATTTCAAACACAACA	
<i>AtHSFA3</i> -R	TCGTTAGCGAATTCCCACTT	
<i>AtMBF1c</i> -F	AGCAGATACCCAGGAGCAGT	
<i>AtMBF1c</i> -R	TTCGGATCGCGTAGGTCTTG	
<i>AtHSP70</i> -F	GAGAGGGCACGAACAAAGGA	
<i>AtHSP70</i> -R	GTCCTCAGCCGACACATTCA	
<i>AtTPS7</i> -F	ATTATGATGGCACTCTGAT	
<i>AtTPS7</i> -R	CTCTTCCACTGACAATGA	