

Table S1. Sequences of primers.

Name	Sequences (5' to 3')	Gene	Used for
JO36F1	CCTCTAGACAATGCCGTTGACTCACGTT	<i>Gs5PTase8</i> (XM_028369920) / <i>Gm5PTase8</i> (<i>Glyma.03G173000</i>)	cDNA
JO37R1	GGCTCGAGCCGCGAGCTACGGTACTT		cloning
JO109F2	CCTCTAGAATGAGAACAGAATCAAAGAAG		Cellular localization
JO110R2	GGCTCGAGAAACCTAGGTATGGTGTCTATG		
JO101F	CCACTATGTTGCCCAATCCT		
JO102R	ACATCTGATTCAGGCCTTCC		qRT-PCR
GmELF1bF	CCACTGCTGAAGAAGATGATGATG	<i>GmELF1b</i> (<i>Glyma.02G276600</i> ; <i>Glyma.14G039100</i>)	qRT-PCR
GmELF1bR	AAGGACAGAAGACTTGCCACTC		
NtL25F1	CCCCTCACCACAGAGTCTGC	L25 ribosomal protein	qRT-PCR
NtL25R1	AAGGGTGTGTGTCCTCAATCTT		
Act2F	ACATTGTGCTCAGTGGTGGA	<i>AtACT2</i> (<i>At3g18780</i>)	qRT-PCR
Act2R	TCATACTCGGCCCTTGAGAT		
NPTIIF	TCCATCATGGCTGATGCAAT	<i>NPTII</i> (kanamycin selection marker)	Geno-typing
NPTIIR	CGATACCGTAAAGCACGAGG		
JO105F	CTGGATCCATGGTGAGCAAGGGCGAGG	<i>GFP</i>	Cellular localization
JO106R	GGCTCGAGTTACTTGTACAGCTCGTCC		
JO166F	AGTTGACTCCGGTTTACGAA	<i>AtRD29B</i> (<i>At5G52300</i>)	qRT-PCR
JO167R	TCTCCAGGTTTCAGCTTCTC		
JO168F	GAGCAACGAGGGGAAGATAA	<i>AtRD29A</i> (<i>At5G52310</i>)	qRT-PCR
JO169R	CTTCCTTTGTCGTCGTTTCC		
JO170F	GCTGGGGTAAAGAAGTTGTC	<i>AtRD22</i> (<i>At5G25610</i>)	qRT-PCR
JO171R	TTCCAAGCTGAGGTGTTCTT		
JO172F	ACATCCAGGAAGAGTTGGTG	<i>AtABA1</i> (<i>At5G67030</i>)	qRT-PCR
JO173R	TACGTTCAAGAGCATCGTCA		

F in the name of primers presents for forward primer and R presents for reverse primers.

Figure S1.

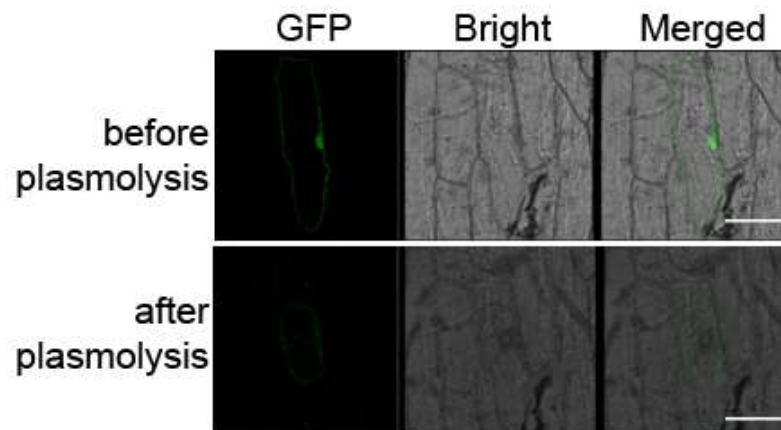


Figure S1. Subcellular localization of Gs5PTase8 in another transformed onion epidermal cells. Gs5PTase8-GFP driven by CaMV 35S were transiently expressed in onion epidermal cells and observed before or after plasmolysis. GFP fluorescence, bright-field and merged images are shown. Scale bars indicate 100 μm .