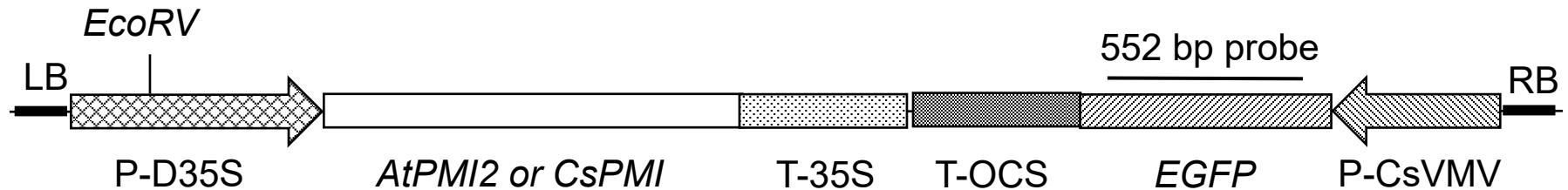


**Table S1.** Primers for endpoint and qRT-PCR.

PCR	Primer name	Primer sequence
Endpoint	<i>EGFP175F</i>	5'-CGTAAACGGCCACAAGTTCA-3'
	<i>EGFP175R</i>	5'-CTTCATGTGGTCGGGGTAGC-3'
	<i>AtPMI2-368F</i>	5'-CACGGAGCTTGTAGGAAGCA-3'
	<i>AtPMI2-368R</i>	5'-CTGAAGCCGCCATACACTCA-3'
	<i>CsPMI1-636F</i>	5'-TGTCTTGGGGGATCGAGTCT-3'
	<i>CsPMI1-636R</i>	5'-ACATTGTCGGAGGTTGCCAT-3'
	<i>CsPMI2435F</i>	5'-ACTCCCTCGTTTCCAAGCTG-3'
	<i>CsPMI2435R</i>	5'-AGCTACAAAGGGCCTCGAAC-3'
qPCR	<i>CsActin7F</i>	5'-CCAAGCAGCATGAAGATCAA-3'
	<i>CsActin7R</i>	5'-TGGATGGACCAGACTCATCA-3'
	<i>EcPMIF</i>	5'-AACCGGCTAACCAGTTGTTG-3'
	<i>EcPMIR</i>	5'-CTGCTGGCTAATGGTGGTTT-3'
	<i>AtPMIF</i>	5'-TCCGAATTTACTCGGGTC-3'
	<i>AtPMIR</i>	5'-GTCTCTGTAAAGAAGAGGATC-3'
	<i>CsPMI1F</i>	5'-TGATGCAGGTGTCCTAGCAG-3'
	<i>CsPMI1R</i>	5'-CGGAGGTTGCCATACACTCT-3'
	<i>CsPMI2F</i>	5'-AATGGTGGGTGTGGTGAGAT-3'
	<i>CsPMI2R</i>	5'-GACAATGCTTTCGCAACTGA-3'



**Figure S1.** The expression cassettes of plasmid 2300*AtPMI2*, 2300*CsPMI2* or 2300*PMI1*. The diagram depicts the left border (LB) T-DNA; P-D35S, the duplex cauliflower mosaic virus 35S promoter; *AtPMI2* or *CsPMI*, one of the following genes: *AtPMI2*, the coding region of *Arabidopsis thaliana* phosphomannose isomerase gene (accession: NM\_105377), *CsPMI2*, the coding region of *Citrus sinensis* phosphomannose isomerase 1 gene (accession: XM\_006482179) or *CsPMI1*, the coding region of *Citrus sinensis* phosphomannose isomerase 1-like gene (accession: XM\_006469025); T-Nos, the nopaline synthase gene terminator; T-OCS, the octopine synthase gene terminator; *EGFP*, enhanced green fluorescence protein gene; P- CsVMV, the cassava vein mosaic virus promoter; RB, T-DNA right border; *EcoRV*, restriction site. The 552 bp probe in the *EGFP* coding region was used for Southern blot analysis.