

Supplementary Table S1 List of primers and their sequences used in this study.

Primers used for quantitative real-time RT-qPCR (<i>P. massoniana</i>)				
Primer name	Forward primer(5'~3')	Reverse primer (5'-3')	Product size(bp)	Tm/°C
<i>UBC</i>	GATTTATTTTCATTGGCAGGC	AGGATCATCAGGATTTGGGT	90	57
<i>PmNIP2;1</i>	AAAGACTGGAGGCAAAGAAACC	GAAGGCAGCGAAGGCAATAG	136	60
<i>PmNIP3;1</i>	ATCAGGTTGTAAACAGATTGC	GGTGGCTGGTAACGAATA	57	57
<i>PmPIP1;4</i>	CCGCCATCATCTACAACAAG	CCCACCCAGAAAATCCAGT	124	57
<i>PmPIP1;6</i>	CGAATGTGATGACGAAGAAG	TCTGGATAGATGATTGACTCTC	222	67
<i>PmPIP1;7</i>	ACAGCCGGTATTTAGGTGG	CAAGCCATCTCCCTTGGTGT	89	57
<i>PmPIP2;1</i>	ATCAACCCTGCTGTCACTTT	GCCCCAACACTGTGCTATC	118	67
<i>PmPIP2;3</i>	CAATGAGAGCAGCAGGAG	ATTAGTAGCAGCAGGAGTTC	112	57
<i>PmPIP2;4</i>	GAGCGGCTGTGATCTATG	GGAGGATGTGCTGATGATAA	111	57
<i>PmPIP2;5</i>	ACCAACCCAGAATATCCAGA	TAGCAACCATTCCTATCAC	156	57
<i>PmSIP1;1</i>	GTATCAACTGCCCTTCTATTTC	TGCTTTTCACATTCTATTCCA	81	57
<i>PmTIP1;2</i>	TGAGCAACAAGCAAGCAA	GAGGTCACATCACACTACTAA	109	57
<i>PmTIP1;3</i>	TCATTTTCATTTCCACTCCA	GTCGATCTTGCCCTTTTCT	80	57
<i>PmTIP2;3</i>	CTTCGGCTTCTCTGACTAA	GCAACTCCTATCGGCATT	129	57
<i>PmTIP4;1</i>	CCTGACCAGACCATACCA	TCTCCGCTGTTCTACTTATG	90	57
Primers used for Subcellular localization				
<i>PmPIP1;5-GFP-F</i>	CAGTGGTCTCACAAACATGGAGGGTAAAGAGGAAGATGTTAAGCTC			
<i>PmPIP1;5-GFP-R</i>	CAGTGGTCTCATAACAAGAGCGAGATTTGAAGGGAATGGCAC			
<i>PmPIP2;1-GFP-F</i>	CAGTGGTCTCACAAACATGACAAAGGAAGACAAGGAATTGGAGCAG			
<i>PmPIP2;1-GFP-R</i>	CAGTGGTCTCATAACACATGGGGGTTGCTTCGGAAC			
<i>PmPIP2;2-GFP-F</i>	CAGTGGTCTCACAAACATGATAAATGAAGAAGGAGCTGTATTGGAGCAG			
<i>PmPIP2;2-GFP-R</i>	CAGTGGTCTCATAACGCATTAACGTTGCCTCGGAACG			
Primers used for quantitative real-time RT-qPCR (<i>Nicotiana tabacum</i> SRI)				
Primer name	Gene ID	Forward primer(5'~3')	Reverse primer (5'-3')	Tm/°C
<i>NtPIP1</i>	U62280	GCGGTGTTCTTGGTTCATTT	AATGAATGGTCCAACCCAGA	55
<i>NtPIP2</i>	BK008514	CTCACATGTCCCTGTGTTGG	AATCCATTGGTCATCCCAGA	60
<i>NtPIP2;6</i>	BK011410	TTCTCTGCTACTGACCCTAAGA	TGGCAAGGTGAACCATGAATA	50
<i>HSF24-like</i>	NM_001325866	CAATACGCCGTCGGAAAACC	CGGAGTATCAACAGACCCCG	60
<i>NtHSF2</i>	AB014484	CACTGTCTACTGGTTTGCTTTC	AGAGTTGGATGAATCTACAAGTTG	55
<i>NtWRKY33</i>	XP_016492389	ACAACCATGATGTTCCAGCA	GGGAGATTGTTGTGGCCTTA	55
<i>NtActin</i>	GQ281246	CTGGAATGGTTAAGGCTGGA	CAATTGCTAACGATTCCGTGT	55