

Table S1. Primer sequences used for RT-PCR and qRT-PCR

	Primer name	Sequence (5'-3')
RT-PCR to detect the presence of partial or full-length transcripts		
<i>AtPUB18</i>	18 FW1	5'-CATGATGATGAACTCGGATCA-3'
	18 FW2	5'-GATCCGGGAACATCACGT-3' 1
	18 FW3	5'-ATATGGAGGAAGCAAGAAGGC-3'
	18 RV1	5'-CATCTAACCGTTCTGCATCTATC-3'
	18 RV2	5'-CGTTTGTGTTTGCAGTGCTTT-3'
	18 RV3	5'-TTGCCATCCCAGTAGCTC-3'
<i>AtPUB19</i>	19 FW1	5'-GTCGACTCACTTTTACAACCTCGC-3'
	19 FW2	5'-CGAGGATCCAAGAGAACGC-3'
	19 FW3	5'-TCCACGAGTTTCAGGAGAGG-3'
	19 RW1	5'-ATCATCAAATCATCTTCTTCCTTG-3'
	19 RW2	5'-TCGGTAATGCTTTATTACATTACAT-3'
<i>UBC10</i>	ubc10 FW	5'-TGGATATGGCGTCGAAGC-3'
	ubc10 RV	5'-GTGGGATTTTCCATTAGCC-3'
RT-PCR to detect ectopically expressed transcripts		
<i>AtPUB18</i>	18 ox FW 1	5'-ACGTGGTCCCGGAGAGTT-3'
	18 ox RV 1	5'-CCGCTCGAGTCACCAGGCGTGAACGA-3'
<i>AtPUB19</i>	19 ox FW 1	5'-CGGAGCTCTATCACAAAGTGG-3'
	19 ox RV 1	5'-CAACTCTCCGTTACTTGACGC-3'
<i>AtPUB22</i>	22 ox FW 1	5'-GAATCTCAACGACATGTGTCAGT-3'
	22 ox RV 1	5'-GTCGACTCAAGCAGGATACGAATC-3'
<i>AtPUB23</i>	23 ox FW 1	5'-GCAACGACTCAGAAAATGGG-3'
	23 ox RV 1	5'-CATCAGCAGGGATATGCAAG-3'
qRT-PCR		
<i>AtPUB18</i>	18 real-time FW	5'-ACGTGGTCCCGGAGAGTT-3'
	18 real-time RV	5'-GAAGTGAGAACTTTGCGATGAG-3'
<i>AtPUB19</i>	19 real-time FW	5'-AGAAAGAGAACGGTTTGTCCAC-3'
	19 real-time RV	5'-AGCTCAAAGAGTTATTGTGTATCATCA-3'
<i>AtPUB22</i>	22 real-time FW	5'-CAGAGAGAAGGAATTCAGAGATGG-3'
	22 real-time RV	5'-CCTTCTGCGCACTGACATAA-3'
<i>AtPUB23</i>	23 real-time FW	5'-GAGCCGAGTTCTTGAACCAC-3'
	23 real-time RV	5'-CCCTAAGTATCTTCTTGACACACC-3'
<i>RD29A</i>	rd29a real-time FW	5'-GTTACTGATCCCACCAAAGAAGA-3'
	rd29a real-time RV	5'-GGAGACTCATCAGTCACTTCCA-3'
<i>AtCBF1</i>	cbf1 real-time FW	5'-AATCCCGGAGTCAACATGC-3'
	cbf1 real-time RV	5'-TCTCATCTTGAAAAGCCAACG-3'
<i>RAB18</i>	rab18 real-time FW	5'-GGCTTGGGAGGAATGCTT-3'
	rab18 real-time RV	5'-TTGATCTTTTGTGTTATTCCCTTCT-3'
<i>GAPDHc</i>	gapdhc real-time FW	5'-TGAAATCAAAAAGCTATCAAGG-3'
	gapdhc real-time RV	5'-CATCATCCTCGGTGTATCCAA-3'

Table S2. Primer sequences used for genotyping PCR and constructions

	Primer name	Sequence (5'-3')
Genotyping PCR		
<i>SnRK2.2</i>	snrk2.2 geno FW	5'-GCCTTCCCATTGGCTATTG-3'
	snrk2.2 geno RV	5'-CGAAGATCCTCGATATTAGATGG-3'
<i>SnRK2.3</i>	snrk2.3 geno FW	5'-CGGATTTGCAATGCAGGAC-3'
	snrk2.3 geno RV	5'-G TTCAGGCTCCTGGA ACTGG-3'
<i>SnRK2.6</i>	snrk2.6 geno FW	5'-GAGAACTTTTCGAGCGAATCTG-3'
	Snrk2.6 geno RV	5'-CAGGGTCAGCAACAAATATTCTG-3'
T-DNA border	LBa1	5'-TGGTTCACGTAGTGGGCCATCG -3'
	LB2	5'-GCTTCCTATTATATCTTCCCAAATTACCAATACA -3'
	pAC106	5'-GTATCTGGGAATGGCGAAATC-3'
Constructions		
<i>35S:AtPUB18</i>	18 ox FW 2	5'-CACCATGATCCATACGAAAACCGG -3'
	18 ox RV 2	5'-TTGCCATCCCAGTAGCTC -3'
<i>35S:AtPUB19</i>	19 ox FW 2	5'-ACTAGTAATGATCCATACACCAACCGG -3'
	19 ox RV 2	5'-CCGCTCGAGTCACCAGGCGTGGACAA -3'
<i>35S:AtPUB22</i>	22 ox FW 2	5'-GTCGACATGGATCAAGAGATAGAGATTCCTTC -3'
	22 ox RV 2	5'-GTCGACAGCAGGATACGAATCATACAAATTC -3'
<i>35S:AtPUB23</i>	23 ox FW 2	5'-GAATTCATGTCCGGAGGAATAATGGATG -3'
	23 ox RV 2	5'-GAATTCGCAGGGATATGCAAGAATCATG -3'
<i>AtPUB18 pro-GUS</i>	18 pro FW	5'-GCAACCGGCCATTGTT-3'
	18 pro RV	5'-GCTGCTATGACTTTGTAGATTAAAGT-3'
<i>AtPUB19 pro-GUS</i>	19 pro FW	5'-GTGTAGTCGGGCTATACTGGA-3'
	19 pro RV	5'-ATAAAGATAAGATATGAGTGAAAACAAA-3'
<i>AtPUB22 pro-GUS</i>	22 pro FW	5'-CACCGACTTTTTCGTAATATATGC-3'
	22 pro RV	5'-CTTCAAAGTGCAGTCGTTGAG-3'
<i>AtPUB23 pro-GUS</i>	23 pro FW	5'-CACCCGTCATCAA ACTATTCCATG -3'
	23 pro RV	5'-TTTGGGAAGATGTGAATTGG-3'