

Figure S1

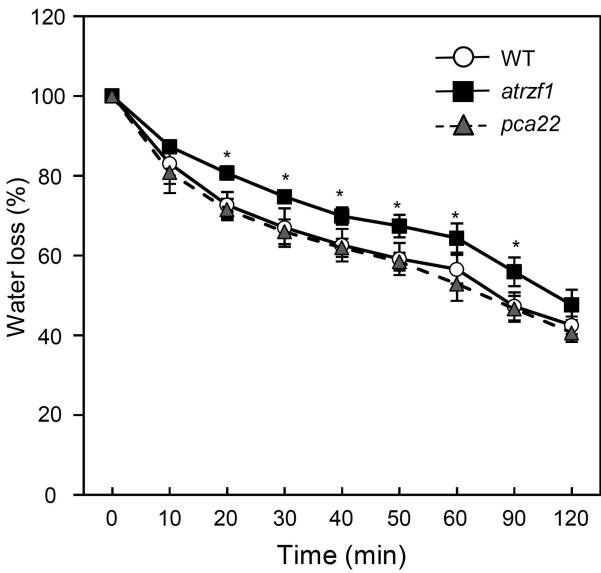


Figure S2

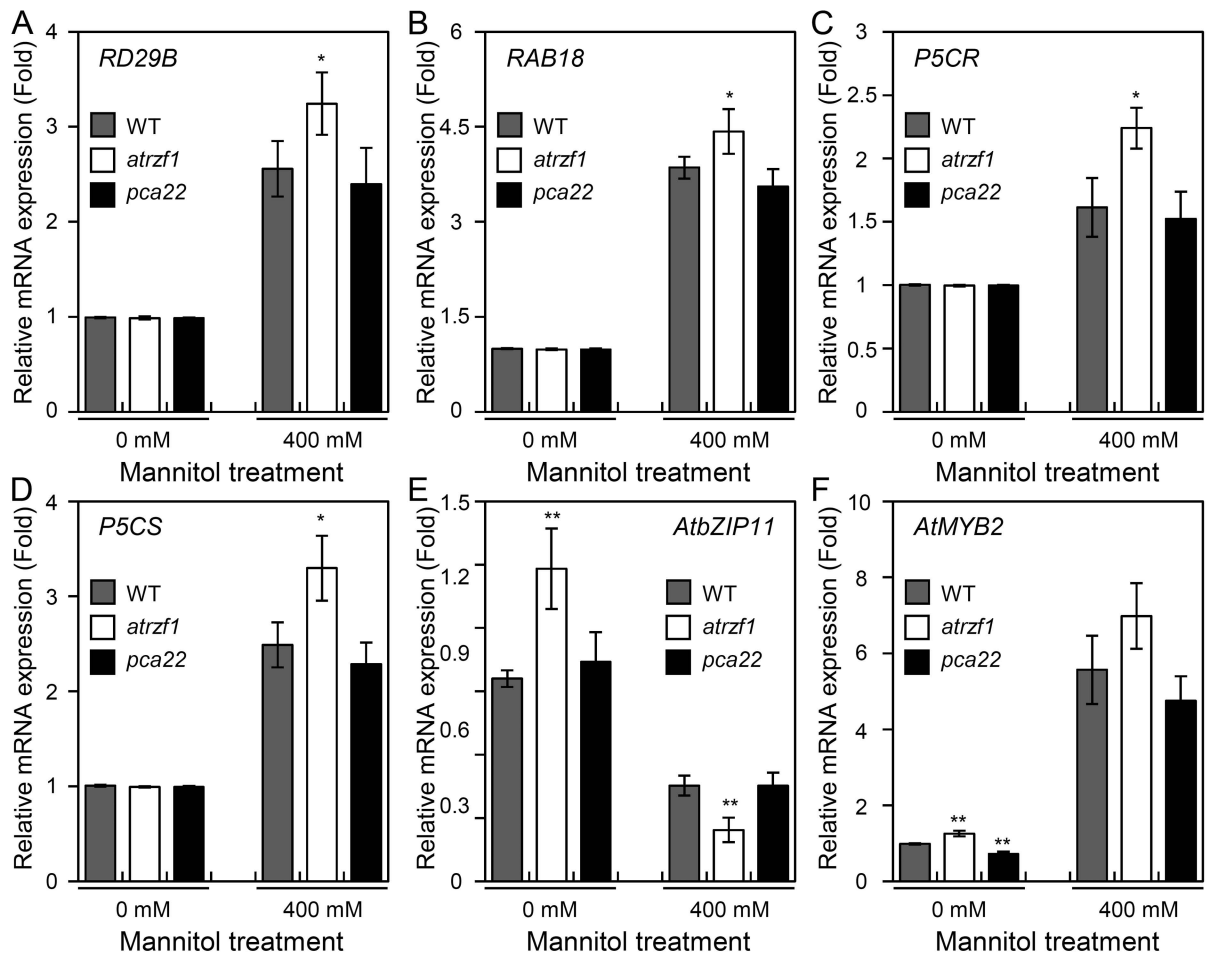


Figure S3

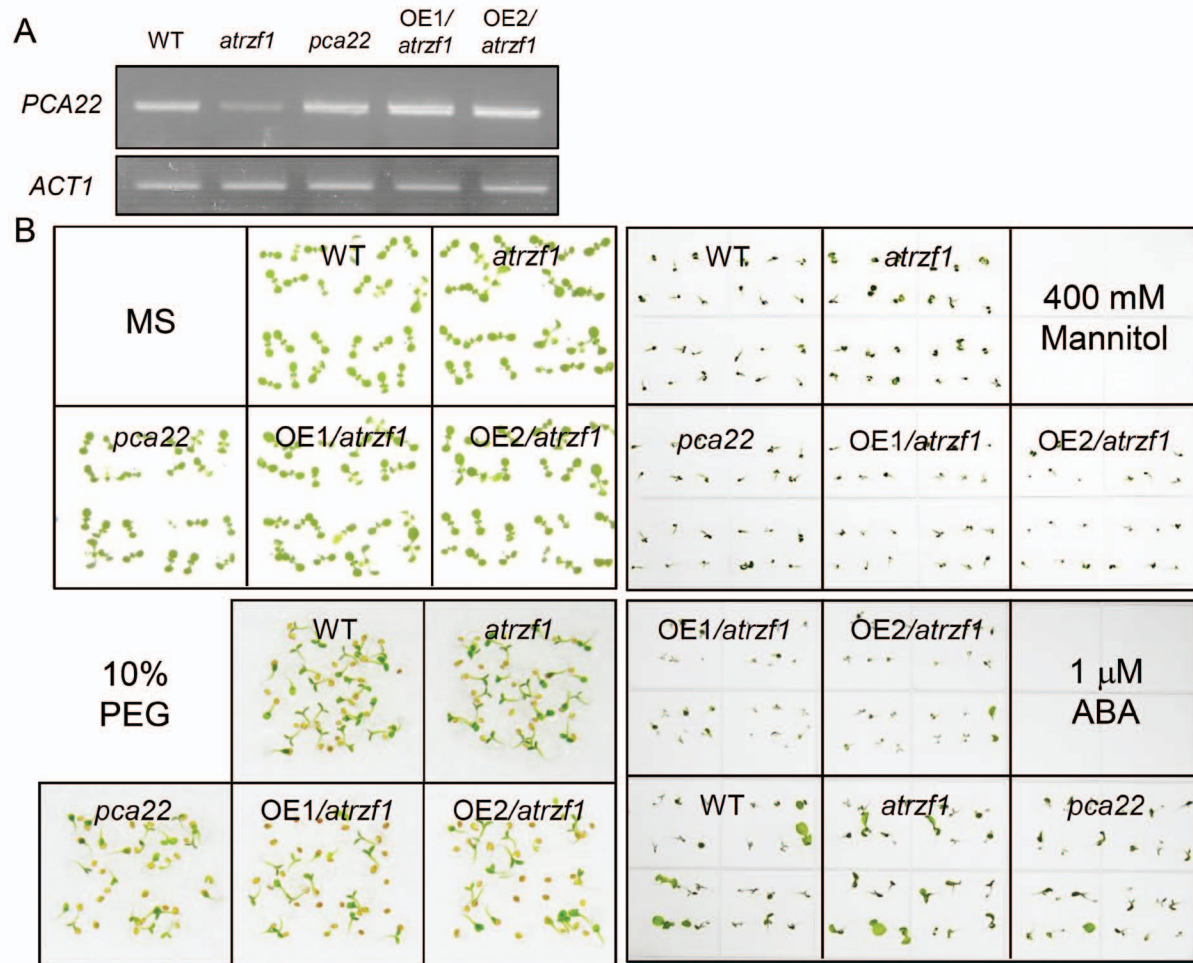


Figure S4

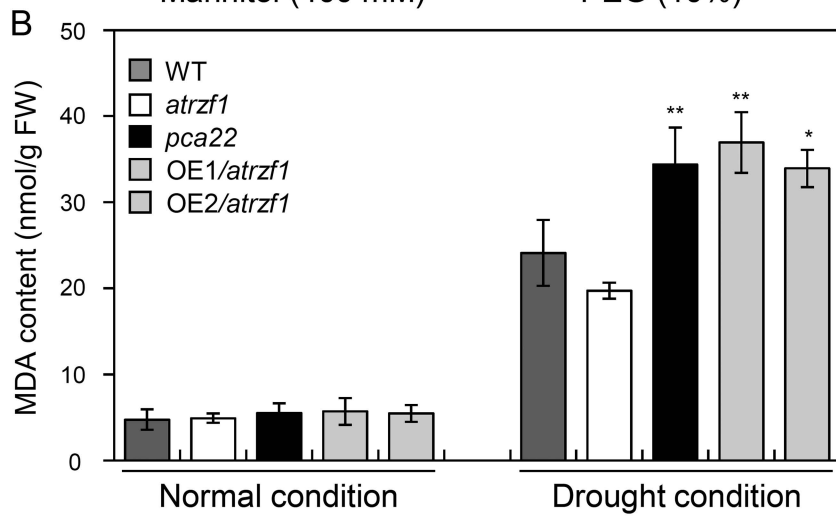
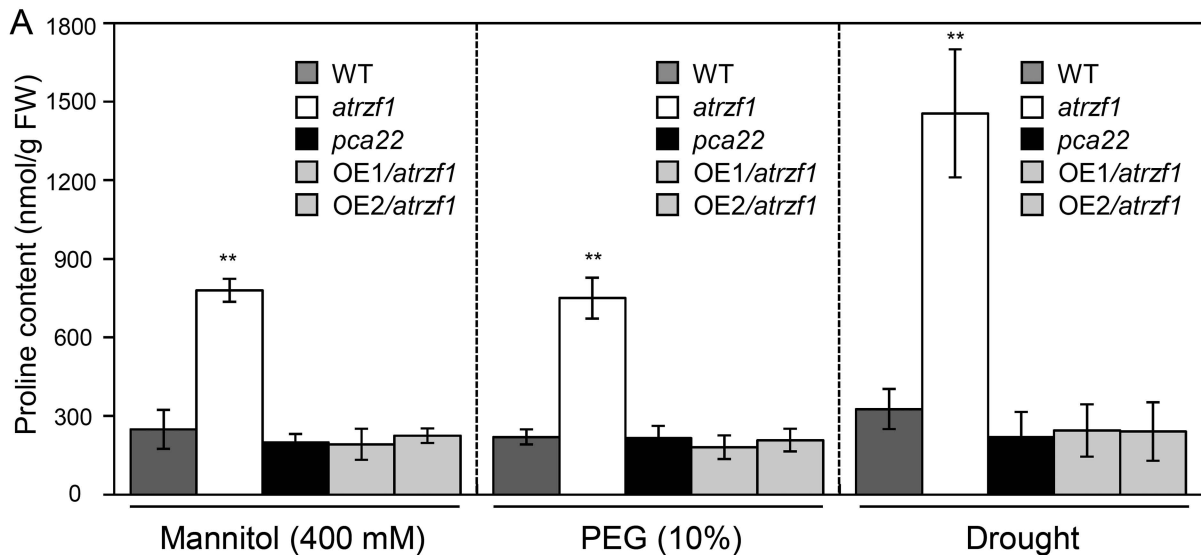


Figure S5

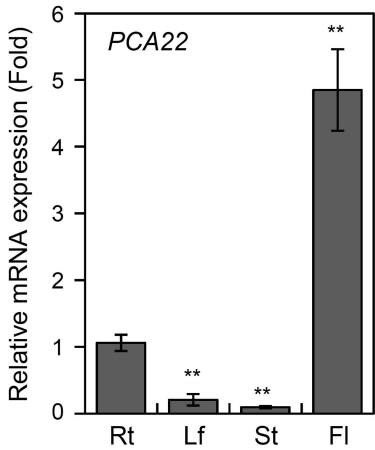


Figure S6

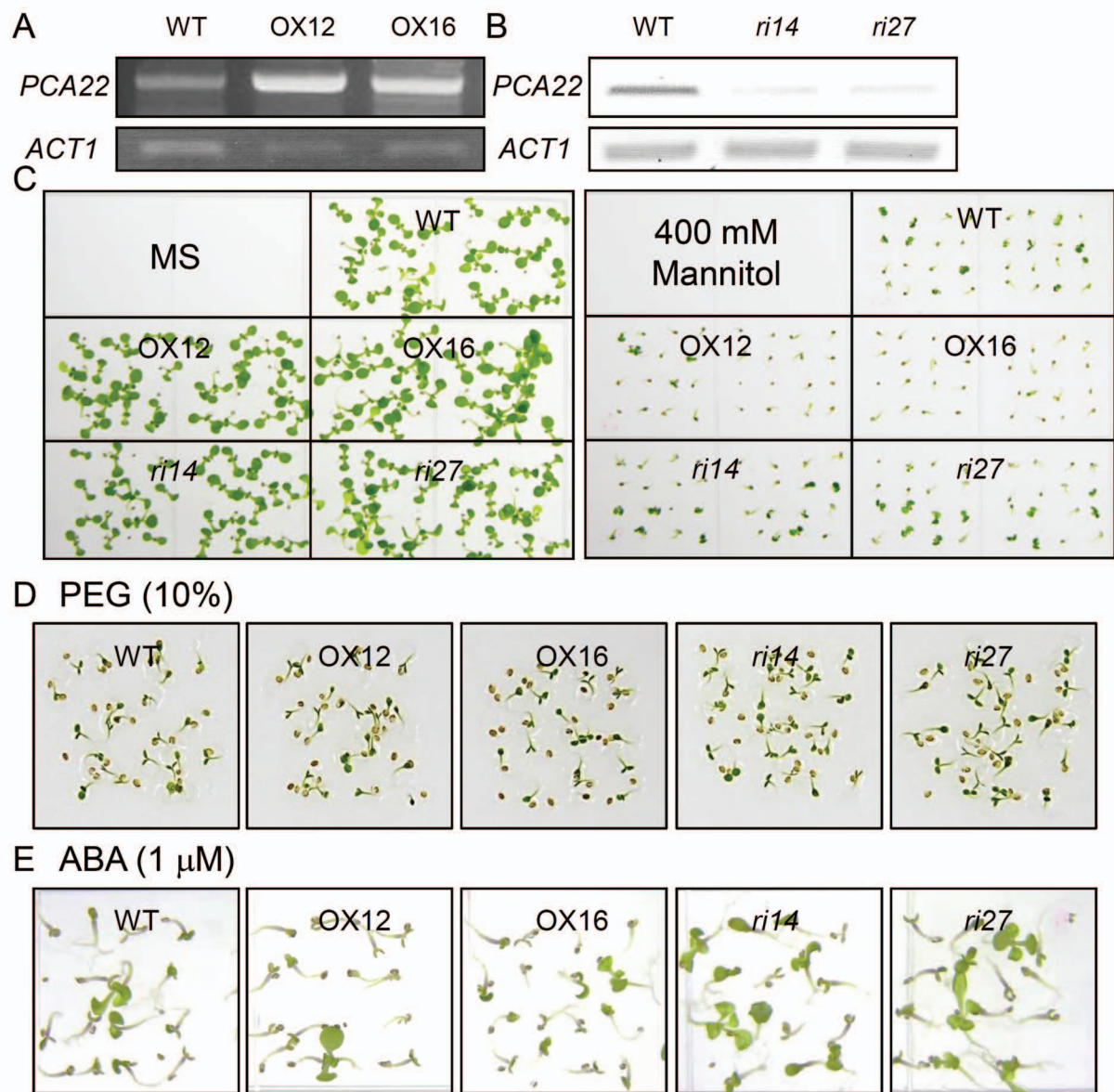


Figure S7

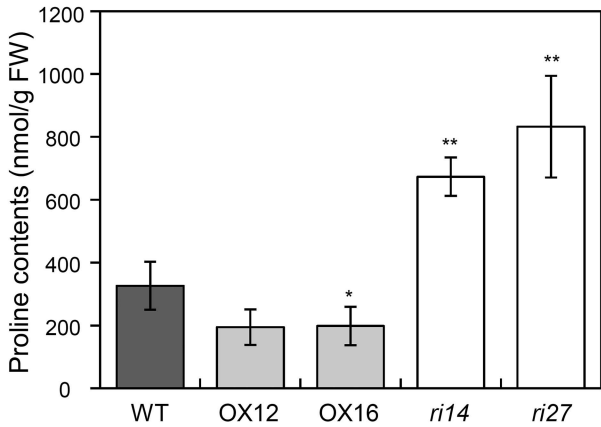


Figure S8

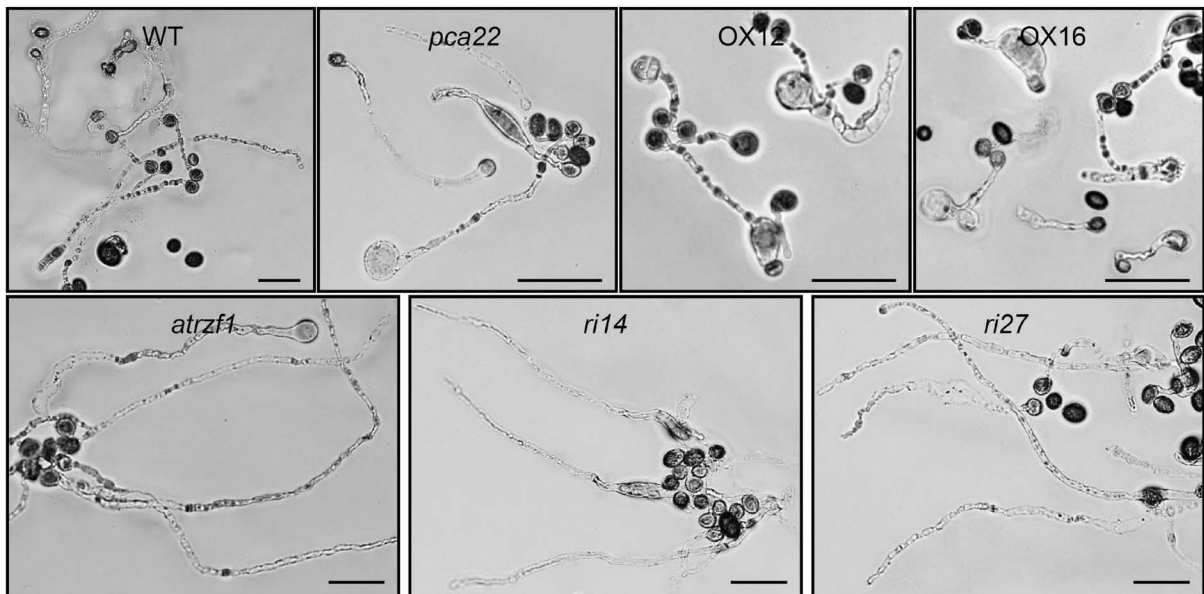


Table S1. Gene-specific primers used for TAIL-PCR, qPCR and RT-PCR assays

Primer	Primer sequence (5' to 3') used for TAIL-PCR
LB1	ATACGACGGATCGTAATTTGTC
LB2	TAATAACGCTGCGGACATCTAC
LB3	TTGACCATCATACTCATTGCTG
AD2	NGTCGASWGANAWGAA
Gene	Primer sequence (5' to 3') used for qPCR
<i>PCA22</i> (At2g28625)	Forward: CTGTGAGCTACGGAGTTGACTG Reverse: CTAACAAAGGCAACCACAACATC
<i>P5CR</i> (At5g14800)	Forward: GATGGAGATTCTTCCGATTCC Reverse: CCAGCTGCAACAGAAACCAGA
<i>P5CS1</i> (At2g39800)	Forward: CGACGGAGACAATGGAATTGT Reverse: GATCAGAAATGTGTAGGTAGC
<i>RAB18</i> (At5g66400)	Forward: CGATCCAGCAGCAGTATGAC Reverse: TTCGAAGCTTAACGGCCACC
<i>RD29A</i> (At5g52310)	Forward: GACGGGATTTGACGGAGA Reverse: CCGCCACATAATCTCTACCC
<i>RD29B</i> (At5g52300)	Forward: CGTCCTTATGGTCATGAGC Reverse: GCCTCATGTCCGTAAGAGG
<i>AtMYB2</i> (At2g47190)	Forward: ATGGAAGATTACGAGCGAAT Reverse: CCACTAATCTCGGCATCCA
<i>AtbZIP11</i> (At4g34590)	Forward: ATGGAATCGTCGTCGTCG Reverse: CATCACACTCCAAACCAAC
<i>At2g28620</i>	Forward: ACCGTTTAATTCAGAGGAGA Reverse: GTTCTTCATTGTAGAGCTCA
<i>KCS12</i> (At2g28630)	Forward: GTGGTCGGAAAACCTCCCGA Reverse: GACTTTCGGGTGGGCAATCA
<i>AtRZF1</i> (At3g56580)	Forward: GAATTCATGTCAAGTATTCGGAATAC Reverse: GTCGACATAGTCAAAAGGCCATCCAC
<i>ACT1</i> (At1g32200)	Forward: CATCAGGAAGGACTTGTACGG Reverse: GATGGACCTGACTCGTCATAC
Primer	Primer sequence (5' to 3') used for T-DNA insertion site
F1	ATACGACGGATCGTAATTTGTC
R1	GTGTGATGTGAACCAAGATTG