

Supplementary figure 1:

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+ GTTTTAATGT TAAACAACTG TCCATCTATC TTATCAACAA GAAGAAGAA TTTAGGCCAG ACTTATAAAC
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- ATAGCATGGT AAAGACTTTC ACATTAATAT TTCTGACGTT AGTATATACC CGAGCACCTC GATTTAGTAC

+ GCCTAAAGTT TTTTTTTAAT CAAATGGATT TTGAACCTGT GGTAAAGTTT TCGGATCTAC GAAAAATTAT
- CGGATTTCAA AAAAAAATA GTTTACCTAA AACTTTGAACA CCATTTCAA AGCCTAGATG CTTTTTAATA

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- AAAAGGTAGA CTTTGGGGG GTTTTAGTTT GTTAACCTAG AACTAAAAAT CGACACTAAA TCACTAATTC

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- TCCGAATCCC AAACACCGCT TTA

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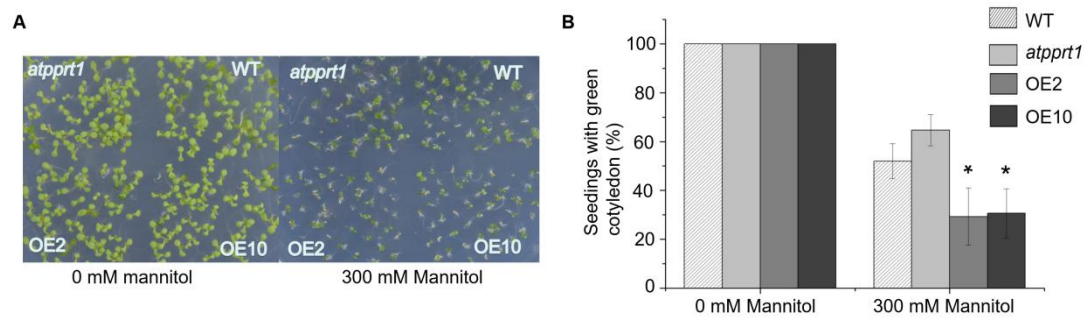
MBS

G-BOX

HSE

Supplementary figure 1: The sequence analysis of AtPPRT1 promoter. The promoter sequence was obtained from TAIR (<https://www.arabidopsis.org/>). The cis-acting elements on the promoter were analysed on PlantCARE (<http://bioinformatics.psb.ugent.be/webtools/plantcare/html/>).

Supplementary figure 2:



Supplementary figure 2. AtPPRT1 plays a negative role in the response of Arabidopsis to osmotic stress.(A) and (B) Phenotype and green cotyledon rates of WT, *atpprt1*, OE2 and OE10 grown 7 days on MS or MS supplemented with 300 mM Mannitol. The values are the average of three individual biological replications. Error bars represent $\pm$ SDs (n=50, *P < 0.05 and **P < 0.01, t-test).

Supplementary table 1:

35S-AtPPRT1-F	ACGGGGGACTCTTGACATGTTGGTACAGAGAAGAG
35S-AtPPRT1-R	ACTAGTCAGATCTACCATCACATCGTATACAGGCATACGC
pAtPPRT1-F	TTCGAGCTCGGTACCCGATTAGTCGCGGTATTAATAATTGTG
pAtPPRT1-R	TACCCTCAGATCTACCATTTCGCCACAAACCCTAAGCCTCTTA
35S-F	GACGCACAATCCCACTATCC
GUS-R	CATTGTTTGCCTCCCTGCTGC
LP	TGCAGGTTGTCTCTGACATTG
RR	AAAGAATCCCAGGAATTCACG
LBb1.3	ATTTTGCCGATTTCGGAAC
actin-F	ACATCCCACCTACTGGTCTGAAG
actin-R	GCATCTTGGTATTGCTGGTACTCT
KIN1-F	TCAGAGACCAACAAGAATG
KIN1-R	TTGTCCAGCAGAACATTG
RAB18-F	CAGCAGCAGTATGACGAGTA
RAB18-R	CAGTTCCAAAGCCTTCAGTC
ERD10-F	TCTCTGAACCAGAGTCGTTT
ERD10-R	CTTCTTCTCACCGTCTTCAC
CYP707A1-F	TGGCTCCAAAACCCAATACGT
CYP707A1-R	CGAATGGCCCATACTGAATC
CYP707A3-F	TGGTAGTGGGATTCAATCTTGT
CYP707A3-R	TACGATTGACCATCTGTACTTAGT
AtPPRT1-221-F	AGAGAACACGGGGGACTCTAGAATGTTGGTACAGAGAAG
AtPPRT1-221-R	GACCACCCGGGGATCCTCTAGACACATCGTATACAGGCA
ATERG2-RFP-F	CGCGGATCCATGAAAGCTTTTAGAT
ATERG2-RFP-R	ACGCGTCGACCCAGGTTAAGCTCAAG

Supplementary table 1: Primers used in experiments.