

(b)

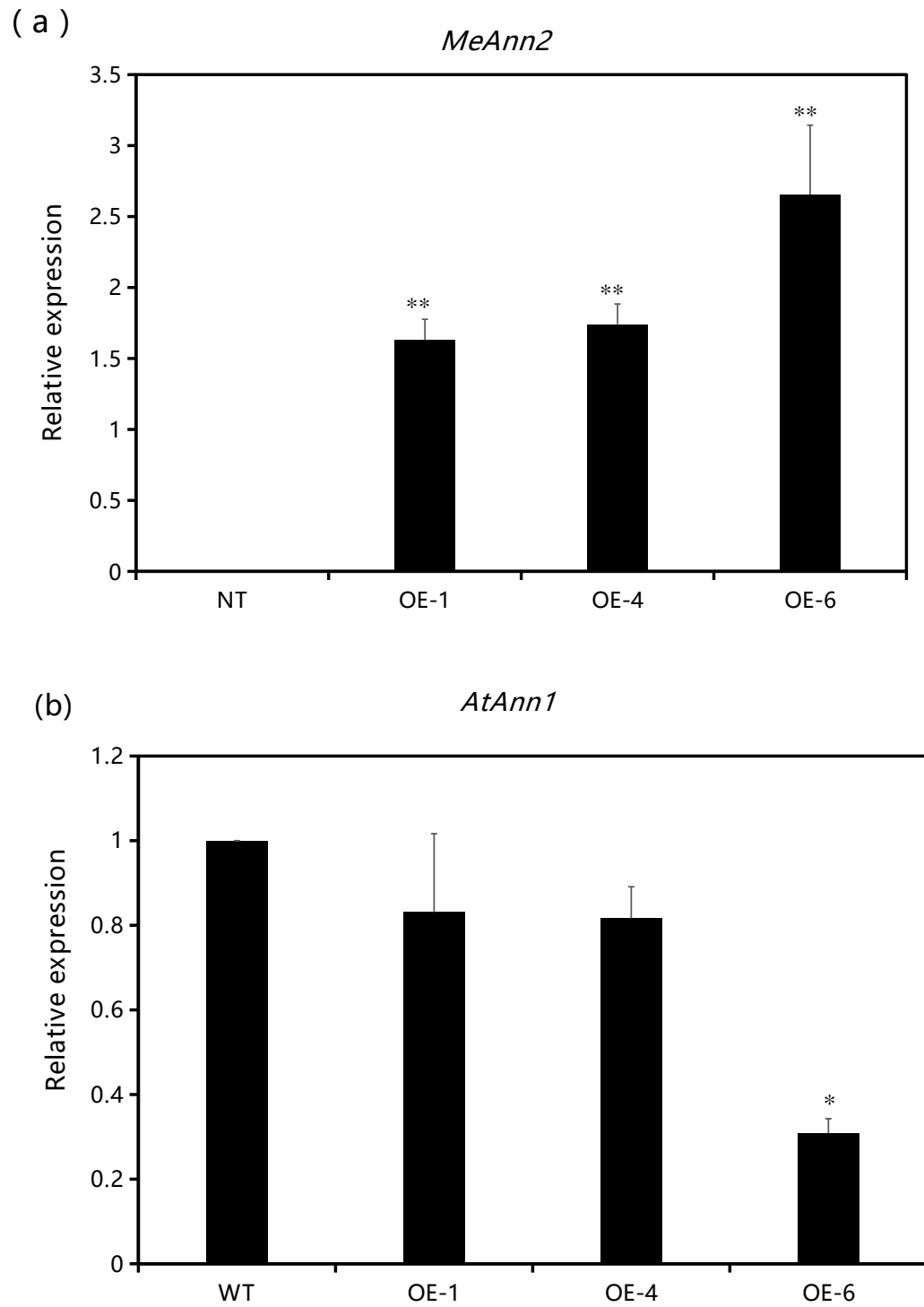
Primer MeAnn2-F

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 TGGCGCTGATTGGGCATAAGGAGGATTGAGCTGTTAATCTGTCTCAAGGGGCATTA  
 TATCCATGAAGGTTGTTGTGCGGCTTGTGCATGTGGTTTCAACGGGGAATA

Primer MeAnn2-R

**Figure S1.** Cloning and sequence analysis of MeAnn2 cDNA from SC8 cassava. (a), Gel analysis of PCR product of MeAnn2 cDNA cloning from SC8 cassava. (b), Sequence of the *MeAnn2* cDNA cloning from SC8 cassava. The underline indicated the primer regions. The blue

characters indicated the coding sequences of *MeAnn2* (951 bp).



**Figure S2.** qRT-PCR analysis of the expression of (a) *MeAnn2* and (b) *AtAnn1* in transgenic Arabidopsis lines. Error bars indicate  $\pm$  SD. \*,  $n=3$ ,  $P \leq 0.05$ ; \*\*,  $P \leq 0.01$ .