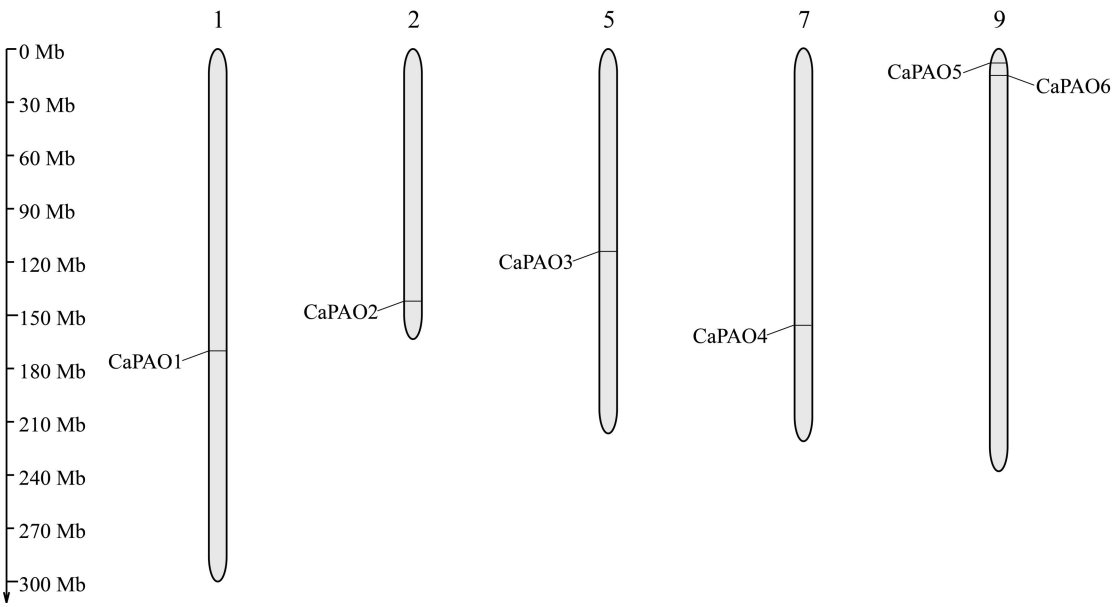


Figure S1. Chromosomal distribution of CaPAO genes in pepper.

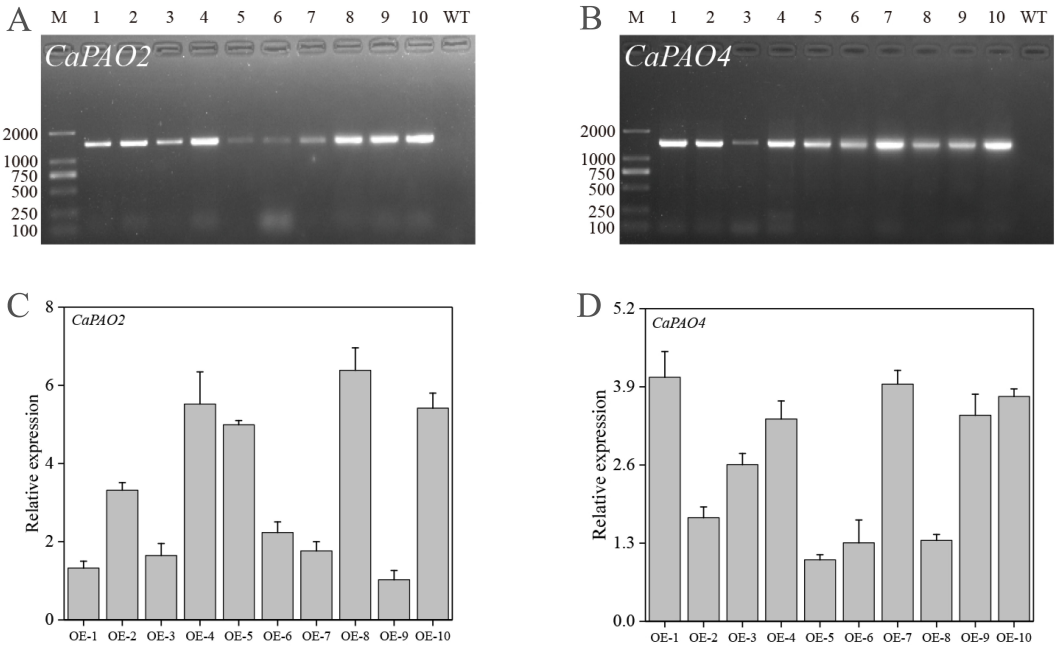


Figure S2. Identification and Expression Level analysis of *CaPAO2* and *CaPAO4* in transgenic *Arabidopsis*.

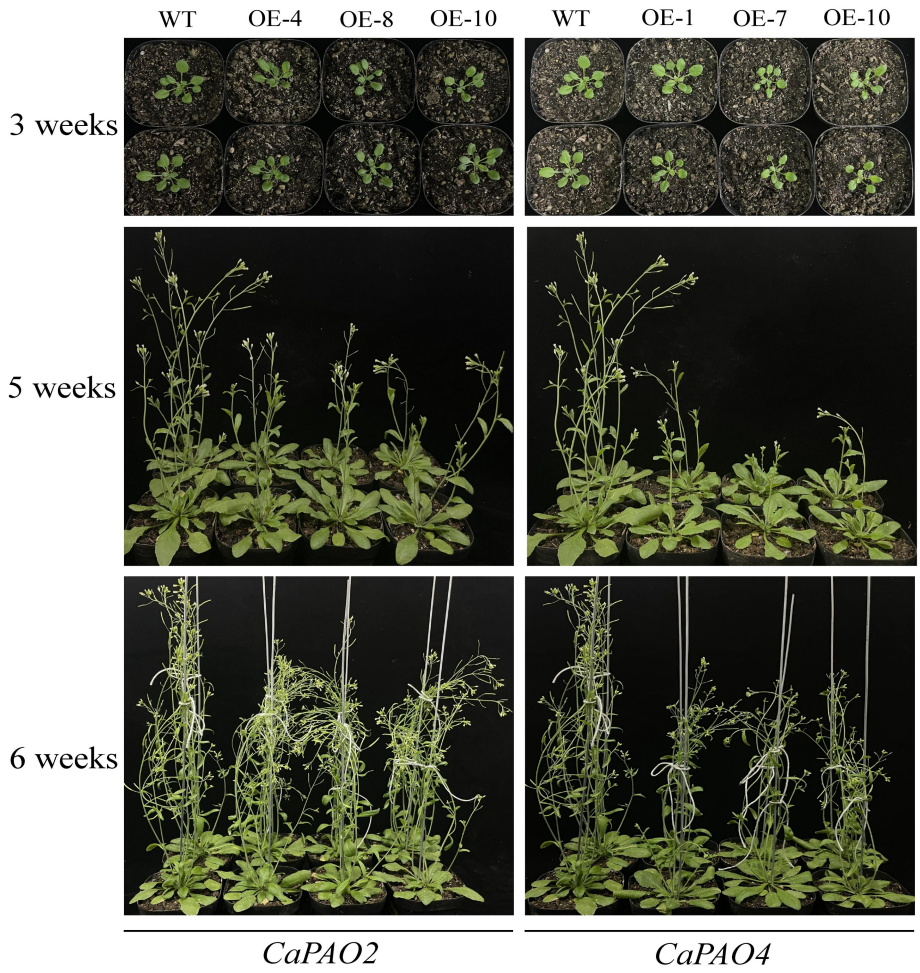


Figure S3. Phenotypic observation of WT and CaPAO2-OE and CaPAO4-OE lines under normal conditions.