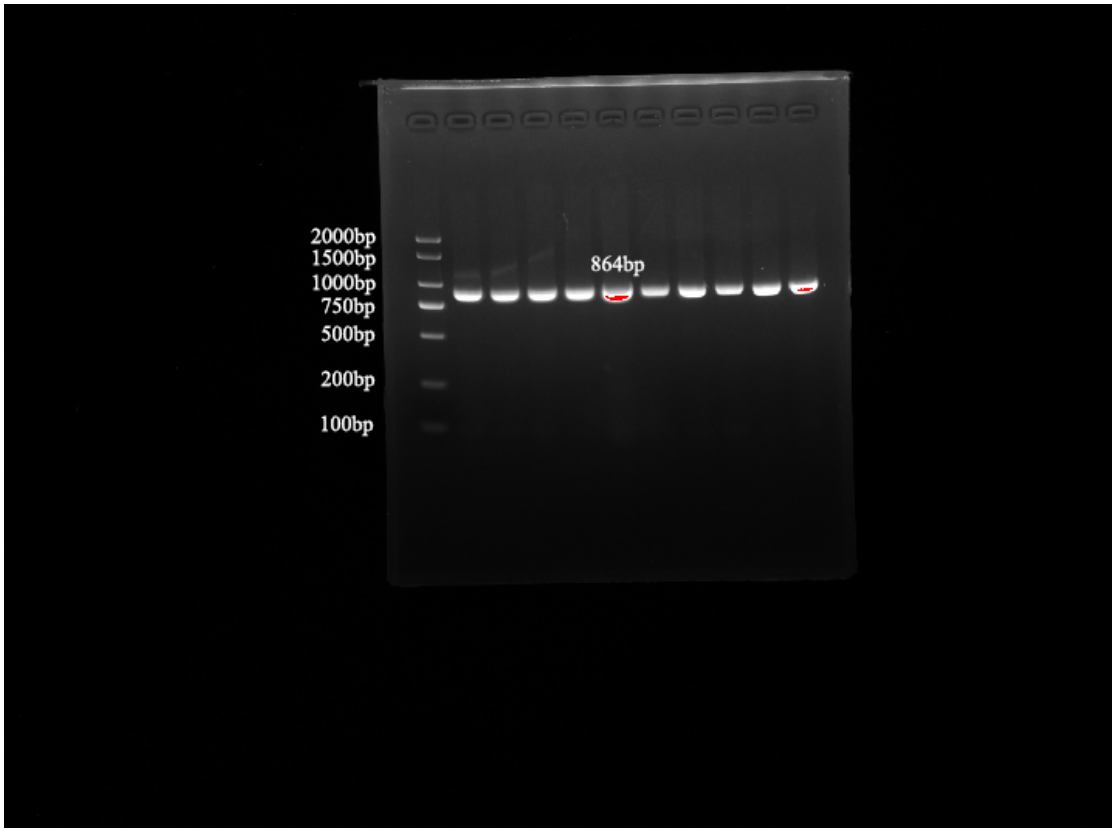
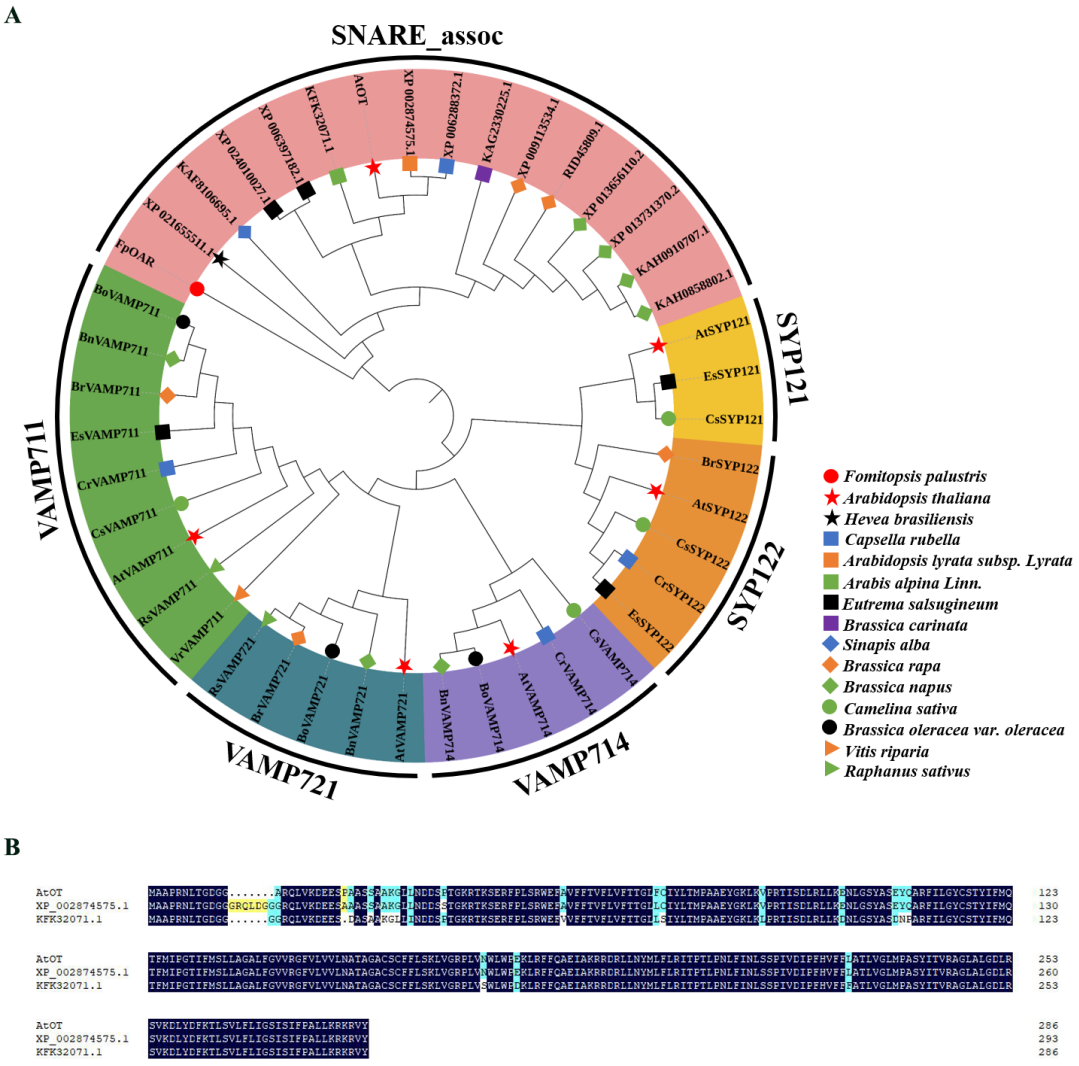
Supplementary Table S1 Primers used in the experiments.

Primer name	Primer sequence (5'-3')	Description
AtOT	F: ATGGCGGCTCCTCGG R: TCATTCATATACTCTCTTTCTCT	For ORF sequence cloning
AtOT (pCAMBIA1300)	F: TCATTTGGAGAGAACACGGGGGACTATGGCGGCTCCTCGG R: CCTCGCCCTTGCTCACCATGTCATTCATATACTCTCTTTC	For subcellular localizaton
AtOT (pDR196)	F: TTGGGTACCGGGCCCCCCCTCGAGGATGGCGGCTCCTCGGAATTT R: CTAGTGGATCCCCCGGGCTGCAGGTCATTCATATACTCTCTTTCTCT	For yeast heterologous expression vector construction
FpOAR (pDR196)	F: GGTACCGGGCCCCCCCTCGAGGATGACCGACCTGCATCGAAG R: CTAGTGGATCCCCCGGGCTGCAGGTCAGAGAAGATCTTCTTGCC	
q-*AtOT*	F: GGCGGCTCCTCGGAAT R: GGCAGGCATGGTGAGGT	For qRT-PCR
q-*AtActin2*	F: TGCCAATCTACGAGGGTTTC R: TTCTCGATGGAAGAGCTGGT	
atot	LP: ATGTTAAGTTCTTCAGTTTC RP: TCAGAATCACCCATATTTGGTCAAA LBb1.3: ATTTTGCCGATTTCGGAAC	For homozygous identification



Supplementary Figure S1. The PCR amplification products of the ORF sequences of

AtOT. Maker: DL2000.



Supplementary Figure S2. Phylogenetic analysis of FpOAR, AtOT and SNARE protein members in other plants (A) and multiple sequence alignment of AtOT, XP _ 002874575.1 and KFK32071.1 (B).