

Supplementary Information

Figure S1. Neighbor-Joining phylogenetic tree obtained in MEGA 5.1 using partial sequences of WOX protein, with 1000 bootstrap replications. Bootstrap values are indicated above the branches. Species names are abbreviated as: At, *Arabidopsis thaliana*; Ph, *Petunia × hybrid*; Pi, *Petunia inflata*; Pa, *Petunia axillaris*, and accession codes are provided following the protein names. *WOX1* group is indicated by a black box.

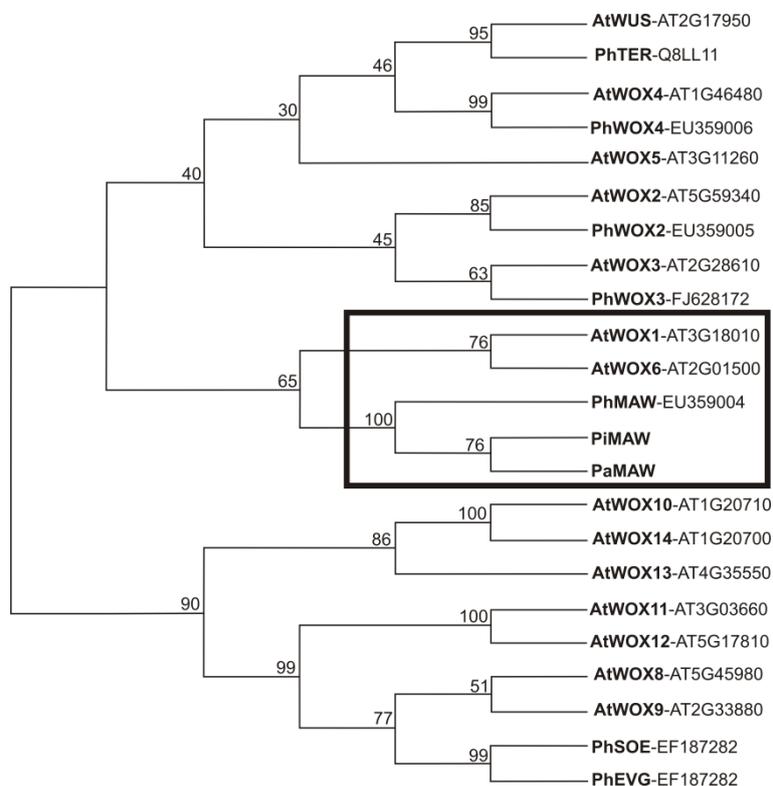


Figure S2. Alignment used to construct the Neighbor-Joining Tree. Conserved motifs *WUS* box [10] and 3'*cWOX1/2* [8] are indicated by black boxes.

