



Supplementary Figure 2. A phylogenetic tree of *AMF* genes from 54 green plant species. The involved plants include 54 plant hosts as *Gastrodia* and *Ondrodium* (Supplementary table 2). The vertical columns from left to right in the figure represent gene IDs, species names, species families, and expression level, respectively. Intriguingly whole-phenome duplication events are marked in the upper left part of the figure. Bootstrap values have been labeled on the right side of the tree. The scale bar at the bottom right indicates the number of substitutions per site. The tree is rooted at the right side of the tree. The tree is rooted at the right side of the tree, covering the following developmental stages: *Thymus* (immature bud), *Thymus* (developing bud), *Thymus* (mature bud), *TMG5* (sapling), and *TM4* (flowering). Each stage has three biological replicates, and the data have been averaged.