



Additional File 4. Maximum Likelihood phylogeny of PWWP containing proteins in *A. thaliana*. The PWWP of ATX1 was used to perform database searches using BLAST at the NCBI network service (<http://www.ncbi.nlm.nih.gov/blast>). PWWP-domain sequences with the highest scores were used to generate the Maximum Likelihood phylogenetic tree. Species abbreviations correspond to *A. thaliana* (At). The branch length is proportional to the number of substitutions per site. Numbers in red correspond to the branch support values. The phylogenetic analysis was performed by using the Phylogeny Pipeline at <http://phylogeny.lirmm.fr/>. Subgroups containing the most closely related members are distinctly shaded.