**eight plant species**:thaliana, Oryza sativa, Zea mays, Solanum lycopersicum, Solanum tuberosum, Medicago truncatula, Glycine max and Brassica rapa,

**one mammal**: Homo sapiens,

**two algae**: Chlamydomonas eustigma, Chlorella sorokiniana,

**one blue-green alga**: filamentous cyanobacterium,

**one Bryophyta**: Marchantia polymorpha was retrieved from the Phytozome Database.