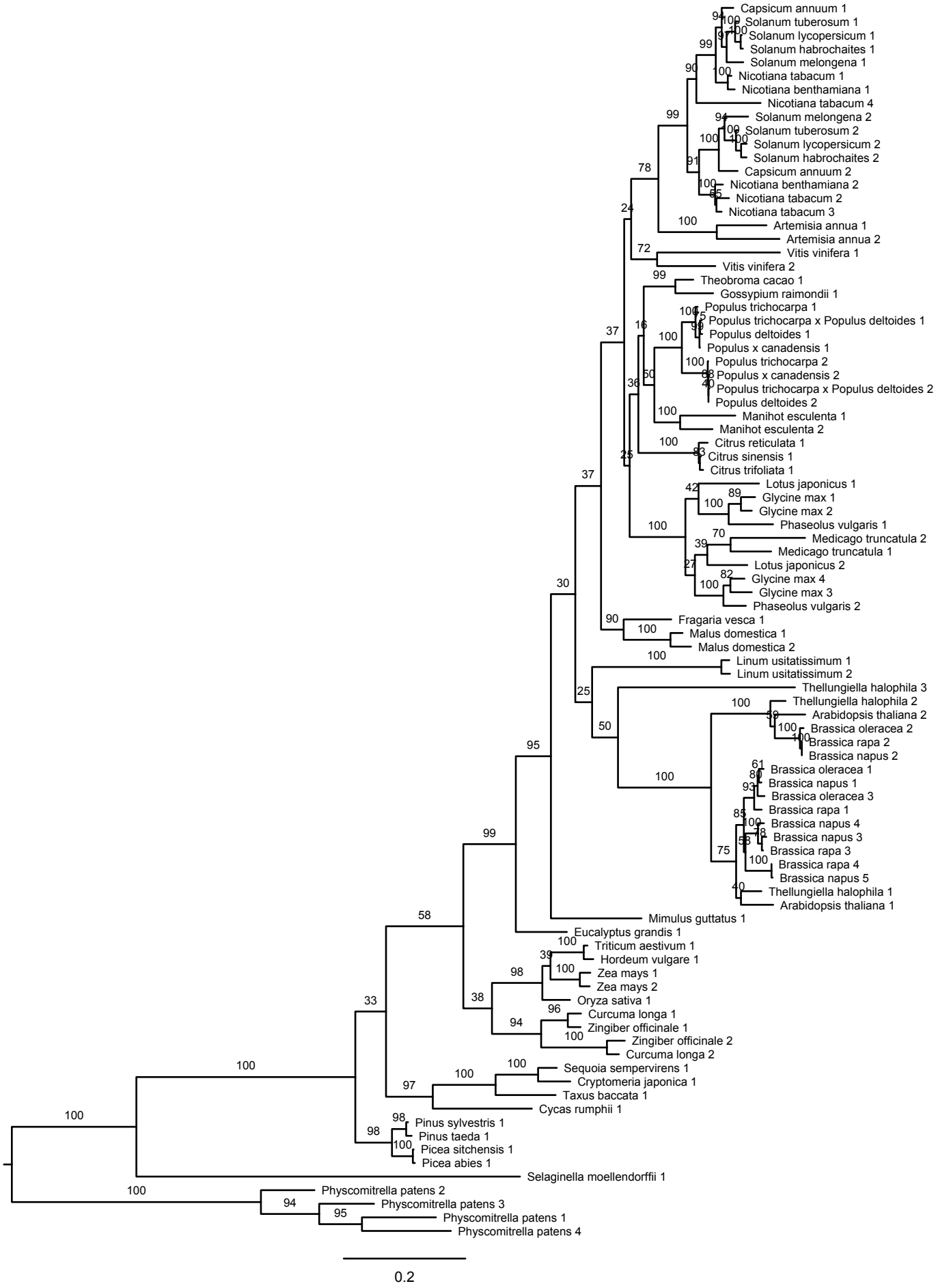

Additional file 4: A phylogenetic tree from coding sequences of *psbO* genes from 49 land plant species. The tree was constructed by the maximum likelihood method, numbers at branches denote bootstrap percentages.