

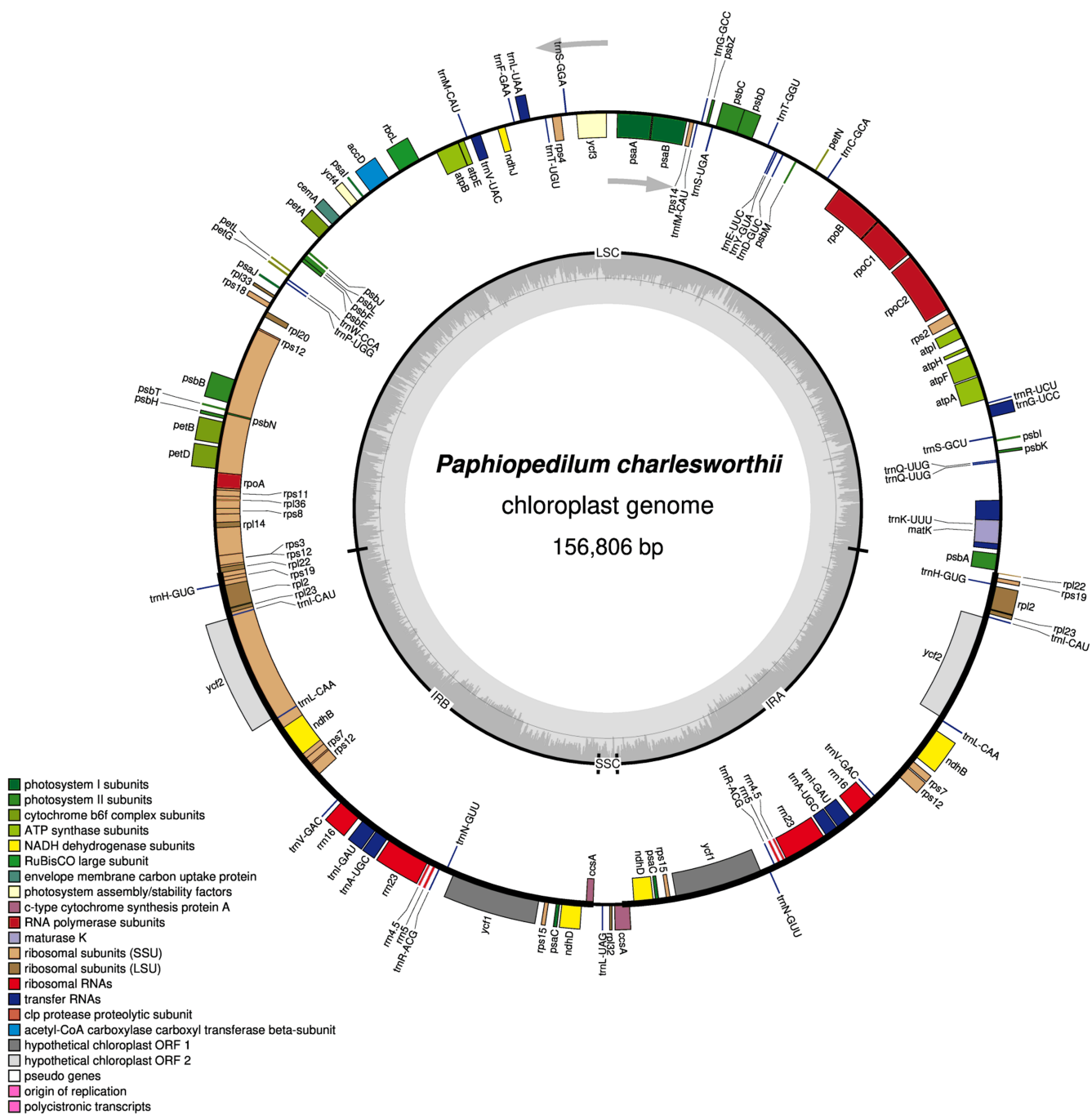


Fig. S1a

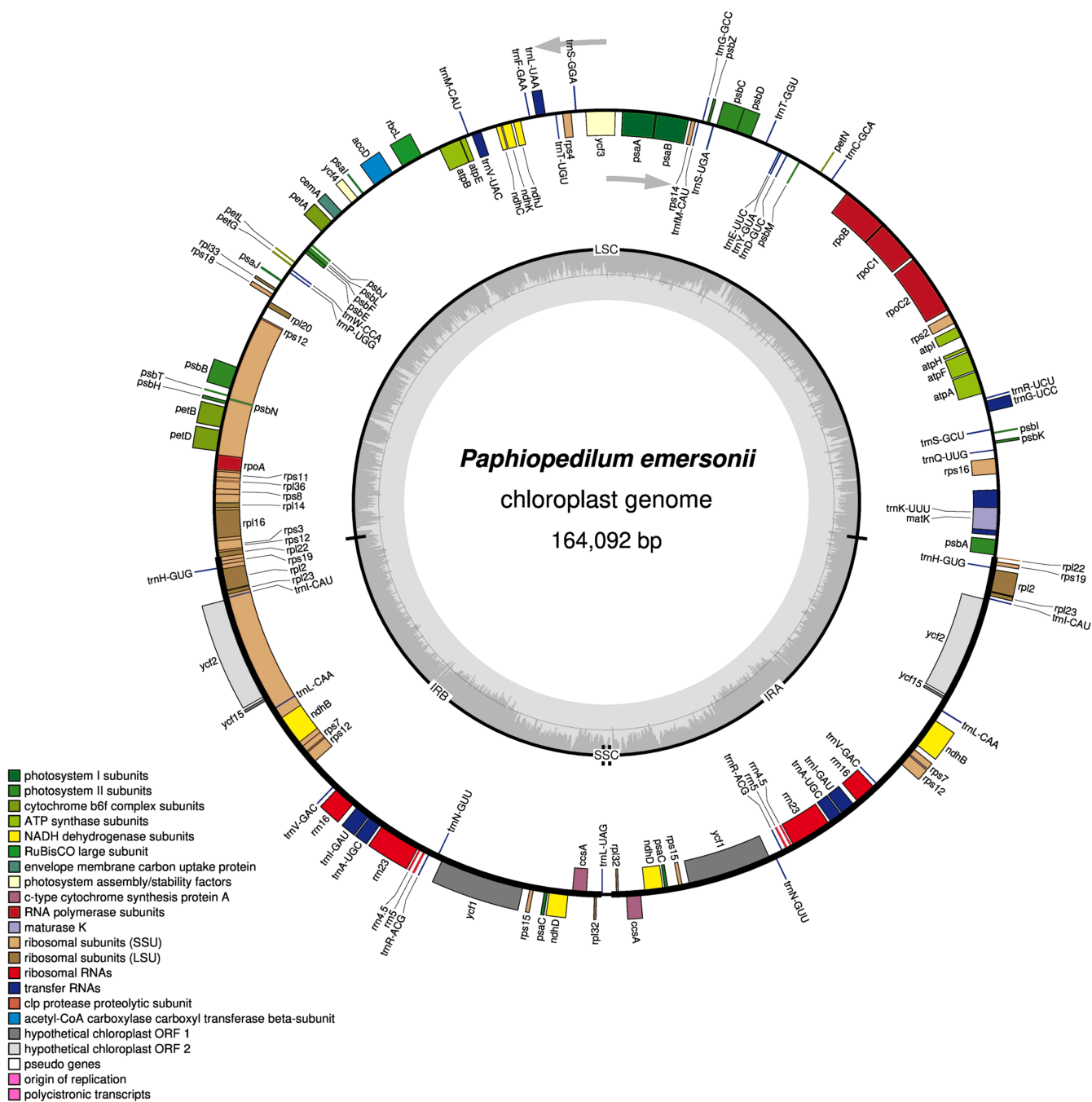


Fig. S1b

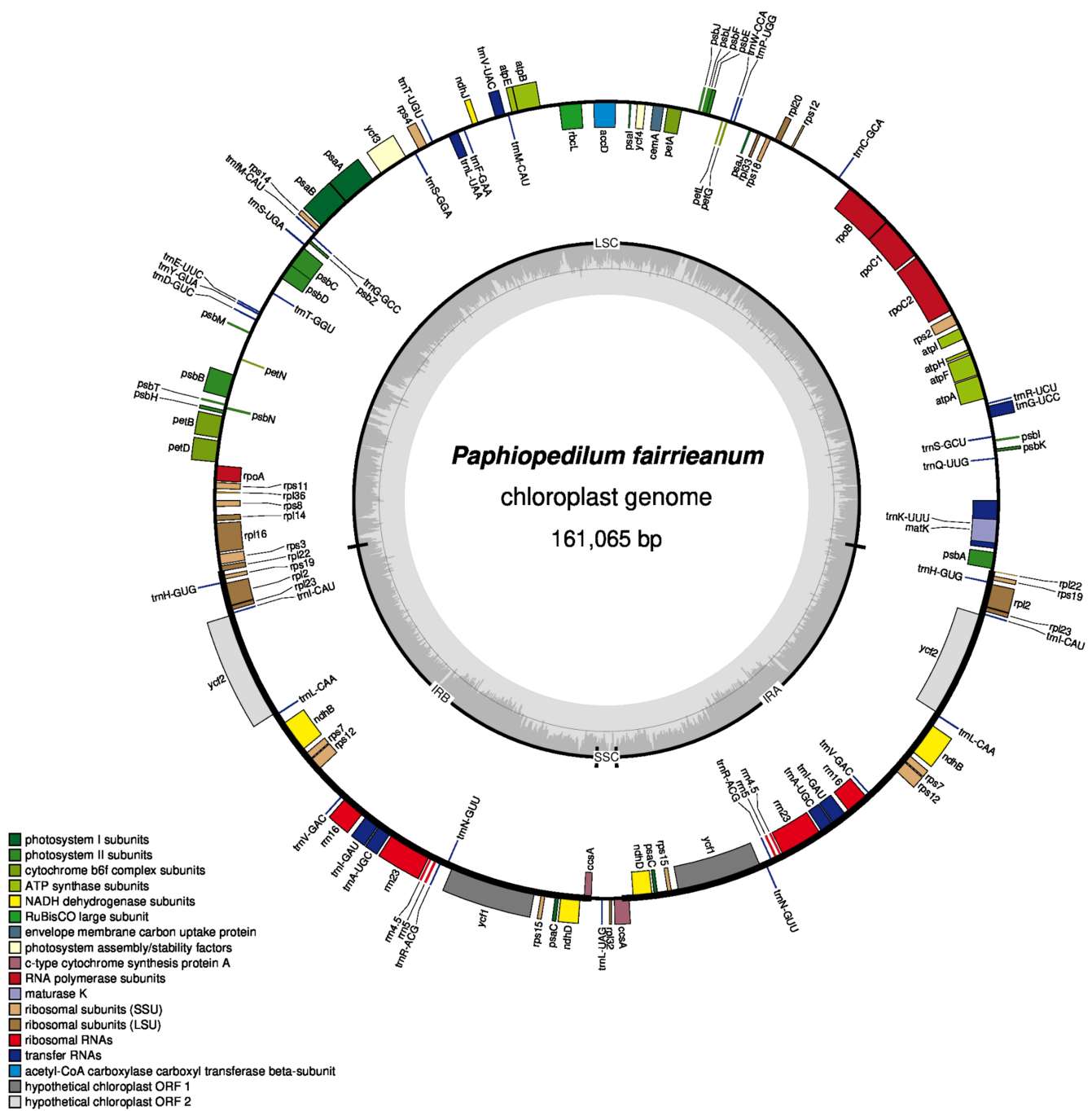


Fig. S1c

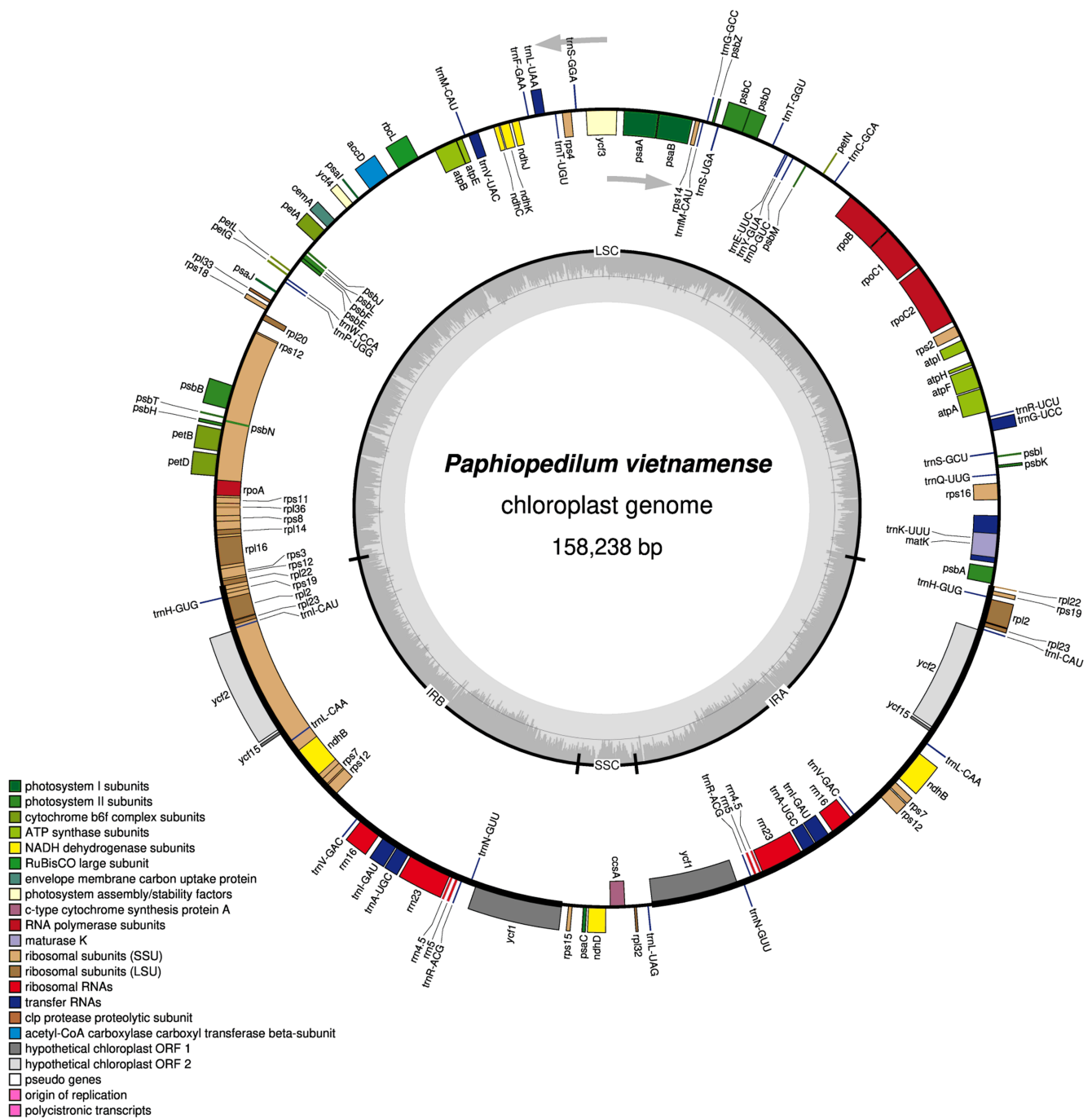


Fig. S1d

Fig. S1. Chloroplast genome structure of *Paphiopedilum*. a) *Paphiopedilum charlesworthii*, b) *P. emersonii*, c) *P. fairrieanum*, and d) *P. vietnamense*.

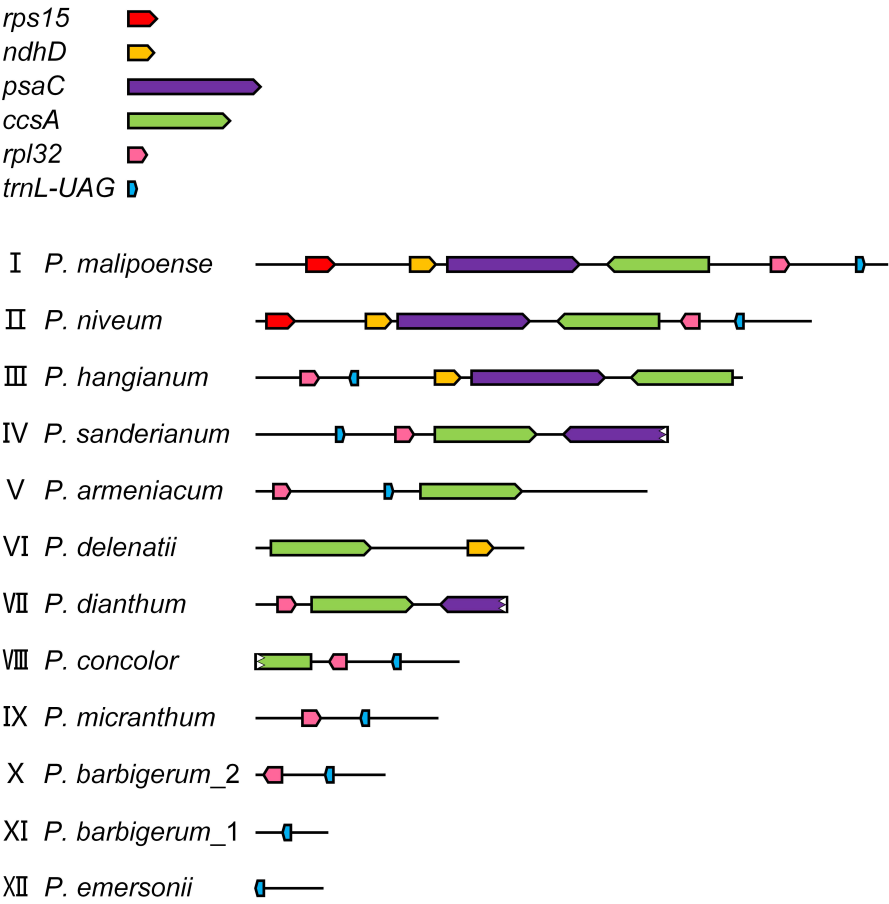


Fig. S2. The twelve SSC types found in *Paphiopedilum*.

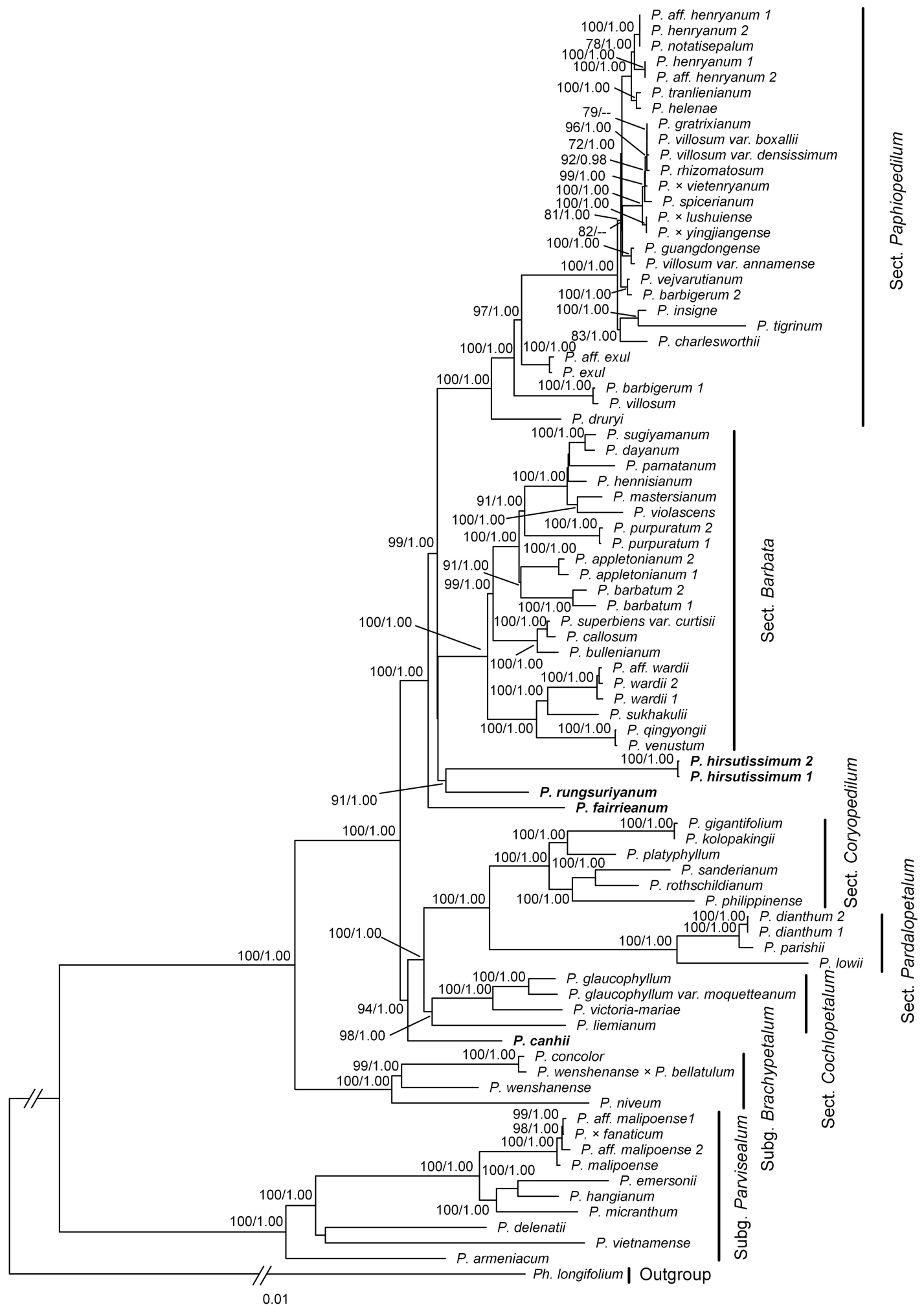


Fig. S3. Phylogenetic tree (ML) of *Paphiopedilum* based on whole plastomes. The number above the branches are the bootstrap values ≥ 70 and Bayesian posterior probabilities ≥ 0.90 . The branched in bold are the four unstable species.

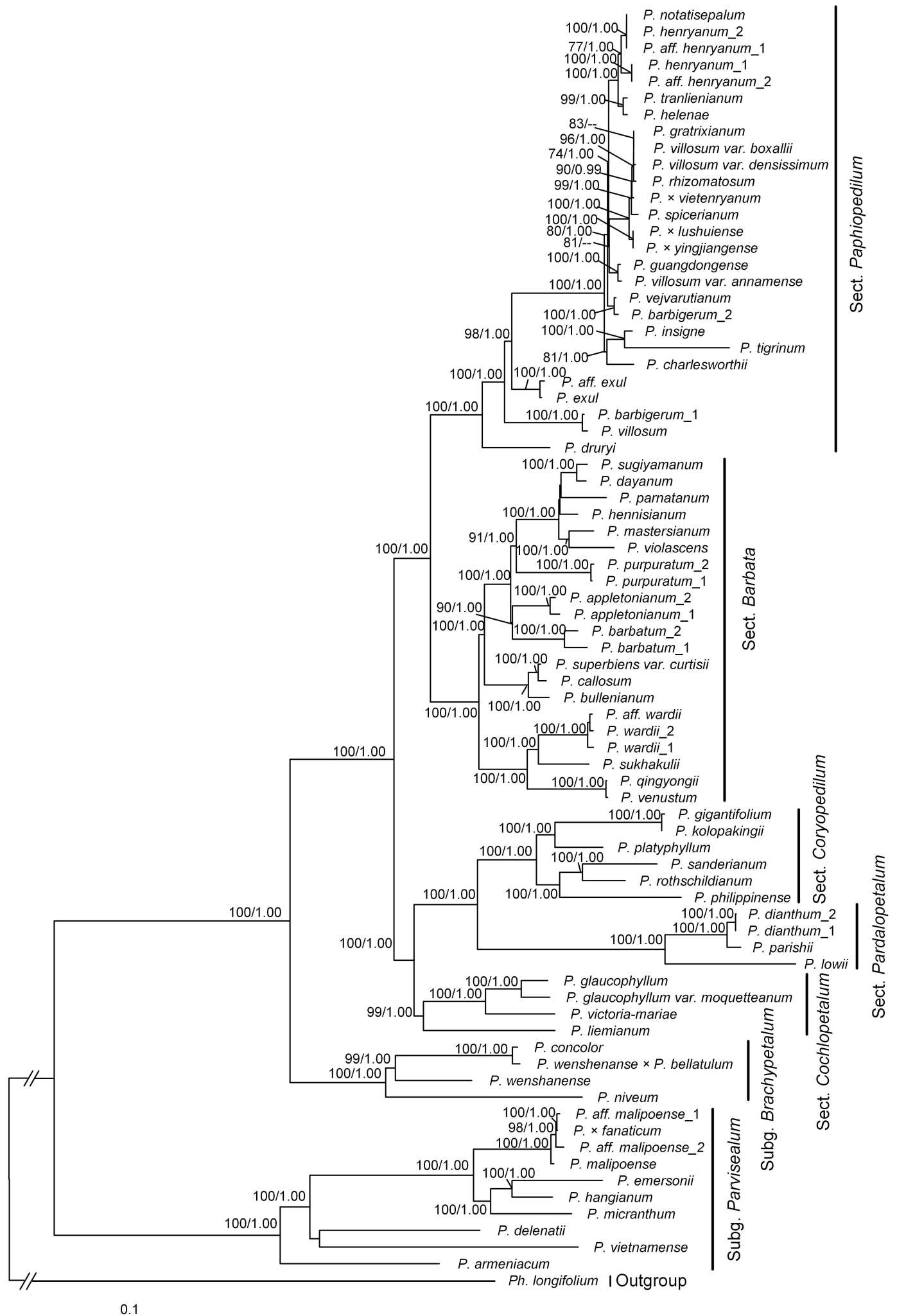


Fig. S3. Phylogenetic tree (ML) of *Paphiopedilum* based on whole plastomes with four unstable species excluded. The number above the branches are the bootstrap values ≥ 70 and Bayesian posterior probabilities ≥ 0.90 .