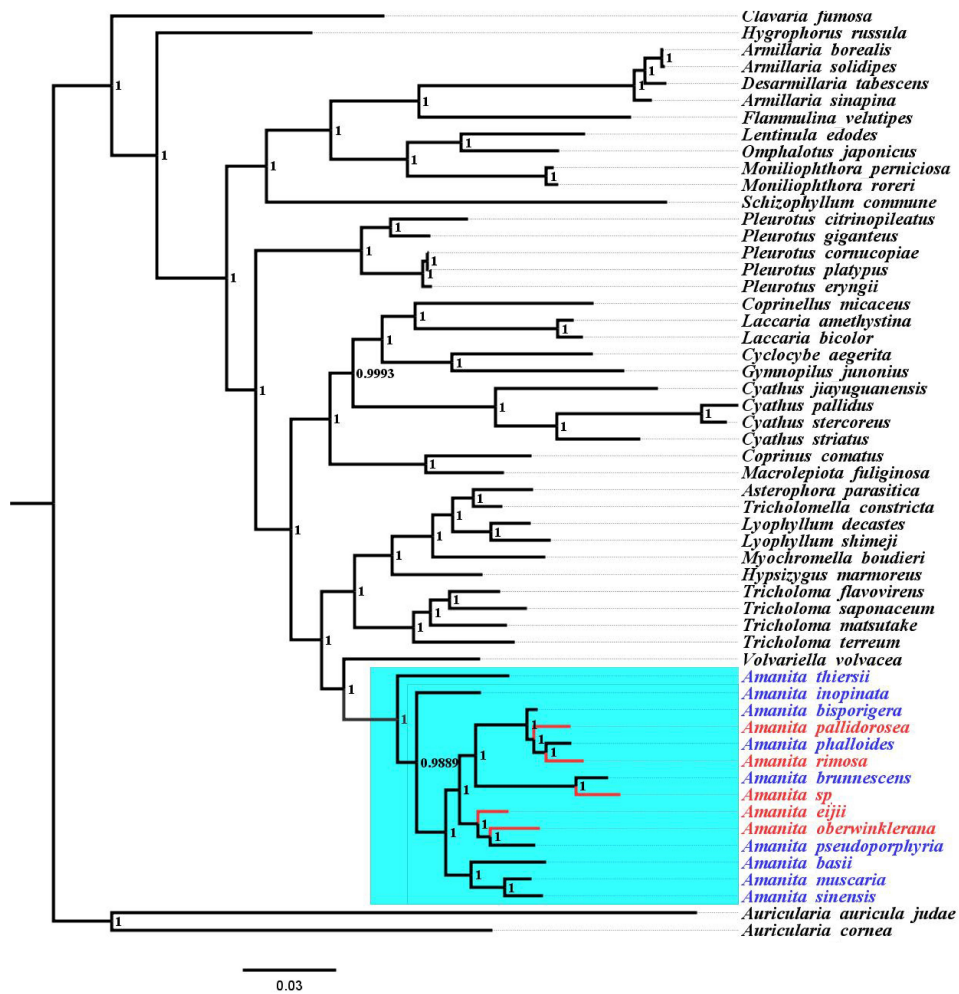
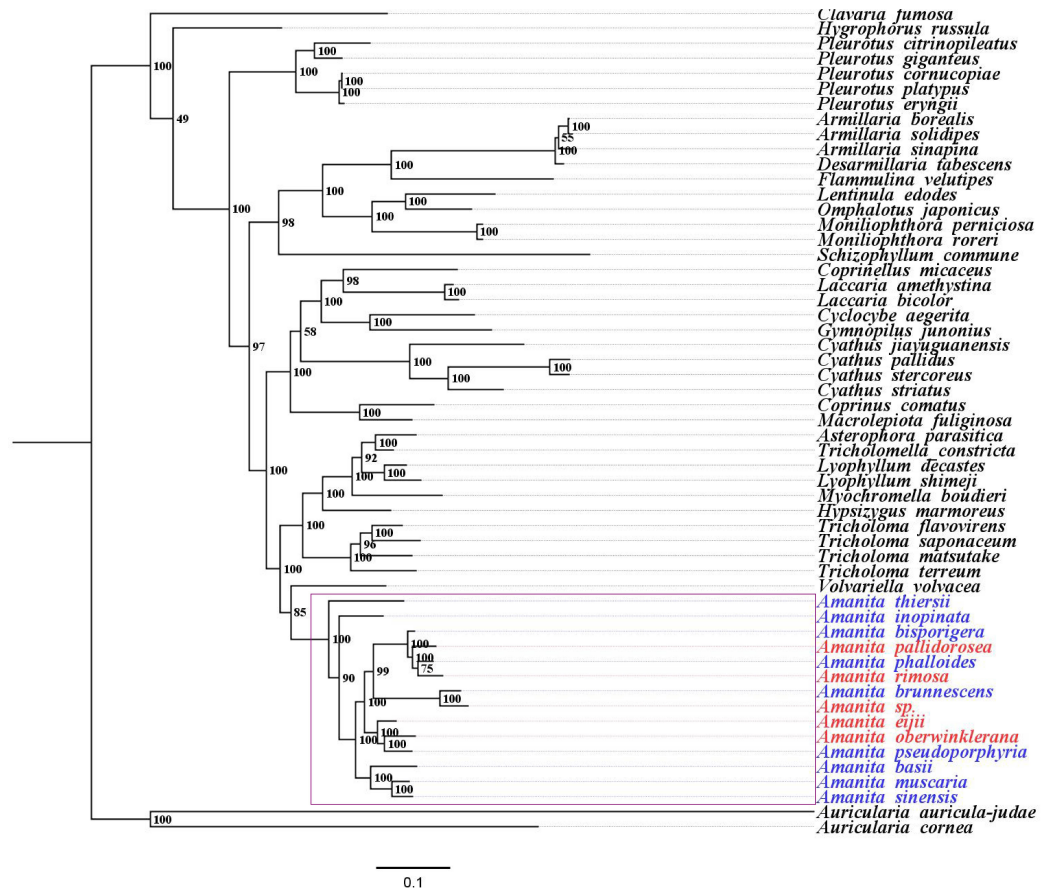


Supplementary Materiall Figure 1



The phylogenetic tree of 14 *Amanita* species based on BI analysis of the amino acids of 15 PCGs, the species of red names represent the sample of this study.



The phylogenetic tree of 14 *Amanita* species based on ML analysis of the bases of 15 PCGs, the species of red names represent the sample of this study.