

Fig S3. The monoisotopic masses of candidate new cyclic peptides in *Amanita pallidorozea*. The five molecules corresponded to the cyclized core peptide sequences of EFIVFGIFP (A), FVIIPPFIFP (B), YFFNDHPP (C), TIHLFSAP (D), and MHILAPPP (E). The adduct ions of $[M+Na]^+$ and $[M+K]^+$ were shown in each section.

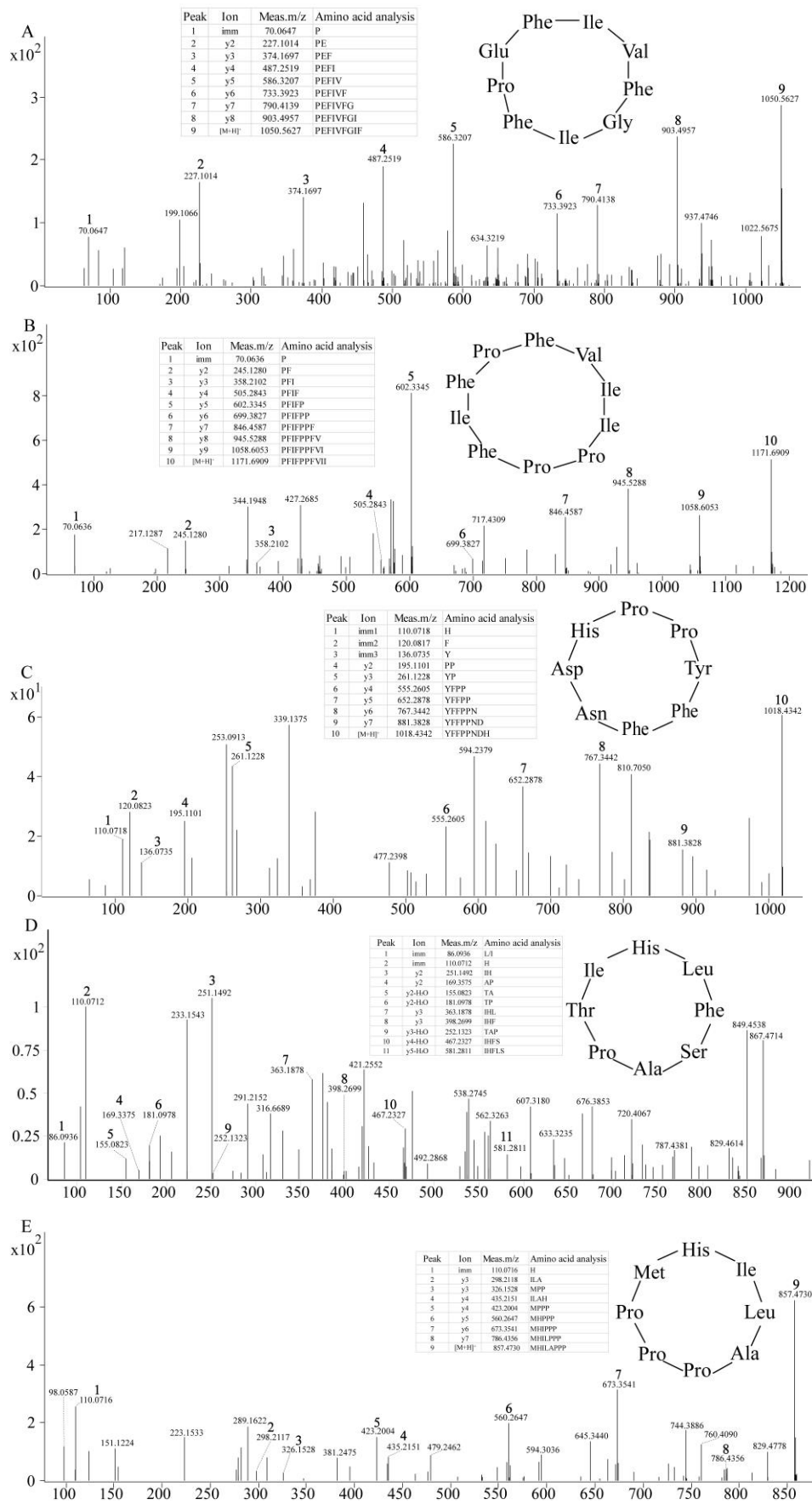


Fig S4. Tandem mass spectrometry of novel cyclic peptides in *Amanita pallidorosea*. Manual analysis of amino acid compositions of Cyclo(EFIVFGIFP) (A), Cyclo(FVIIPPFIFP) (B), Cyclo(YFFNDHPP) (C), Cyclo(TIHLFSAP) (D), and Cyclo(MHILAPPP) (E), with inserted tables of matched amino acids; immonium ions were shown when present. The determined cyclic peptides were shown as circles.