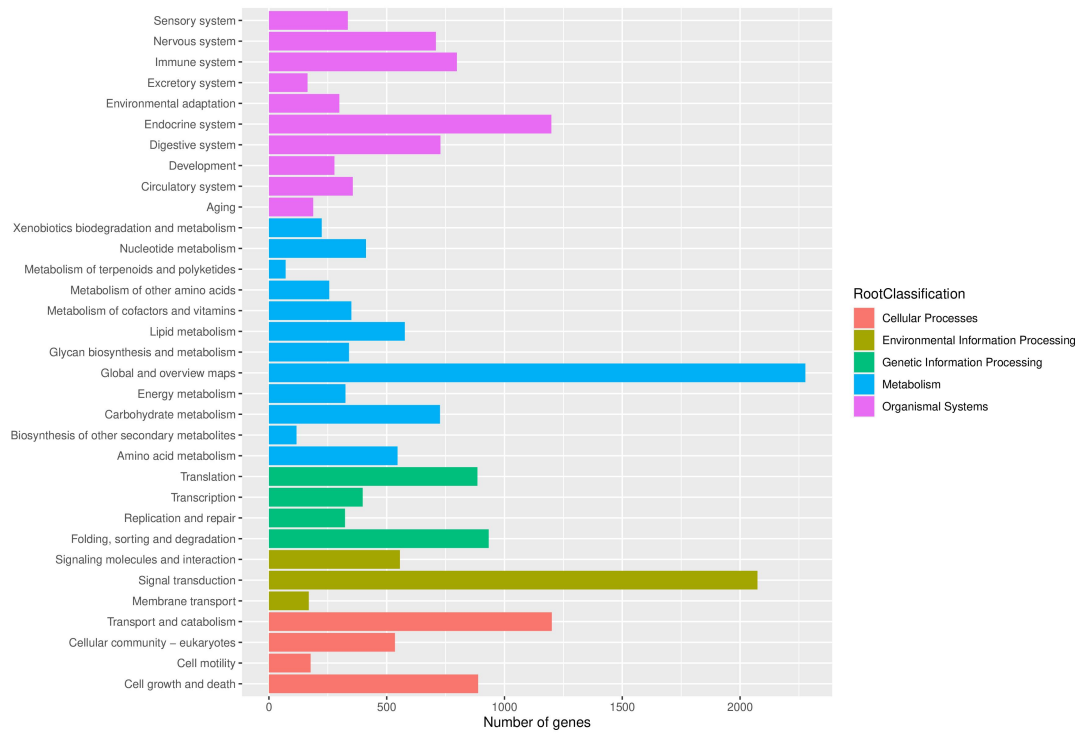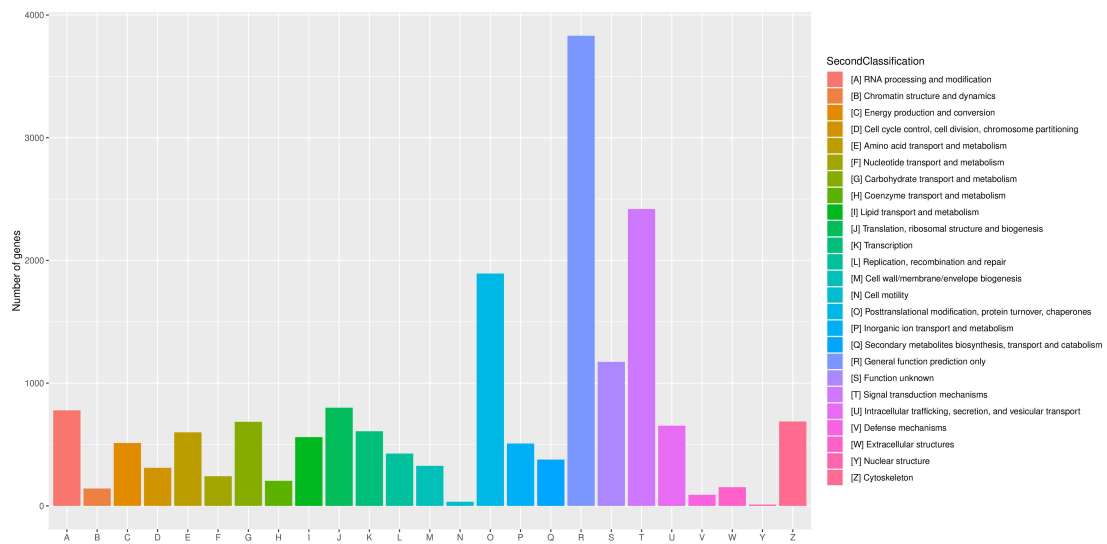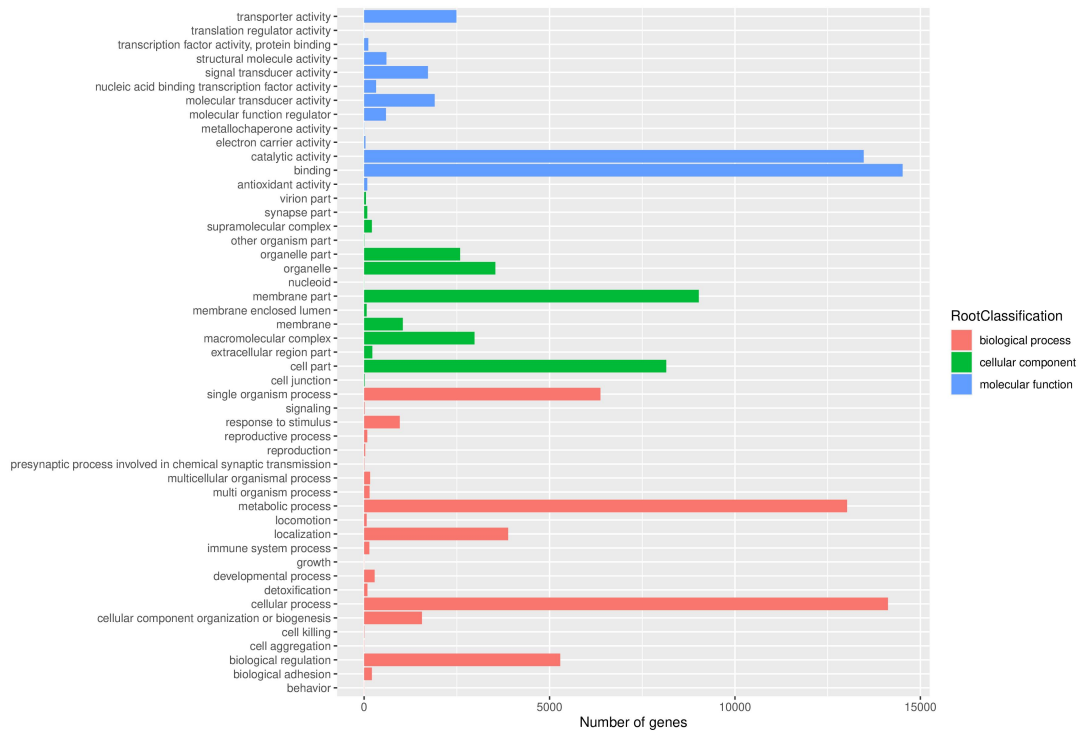Supplementary Fig. 1 Function annotation on five databases, Nr, Uniprot, GO, KEGG, and KOG
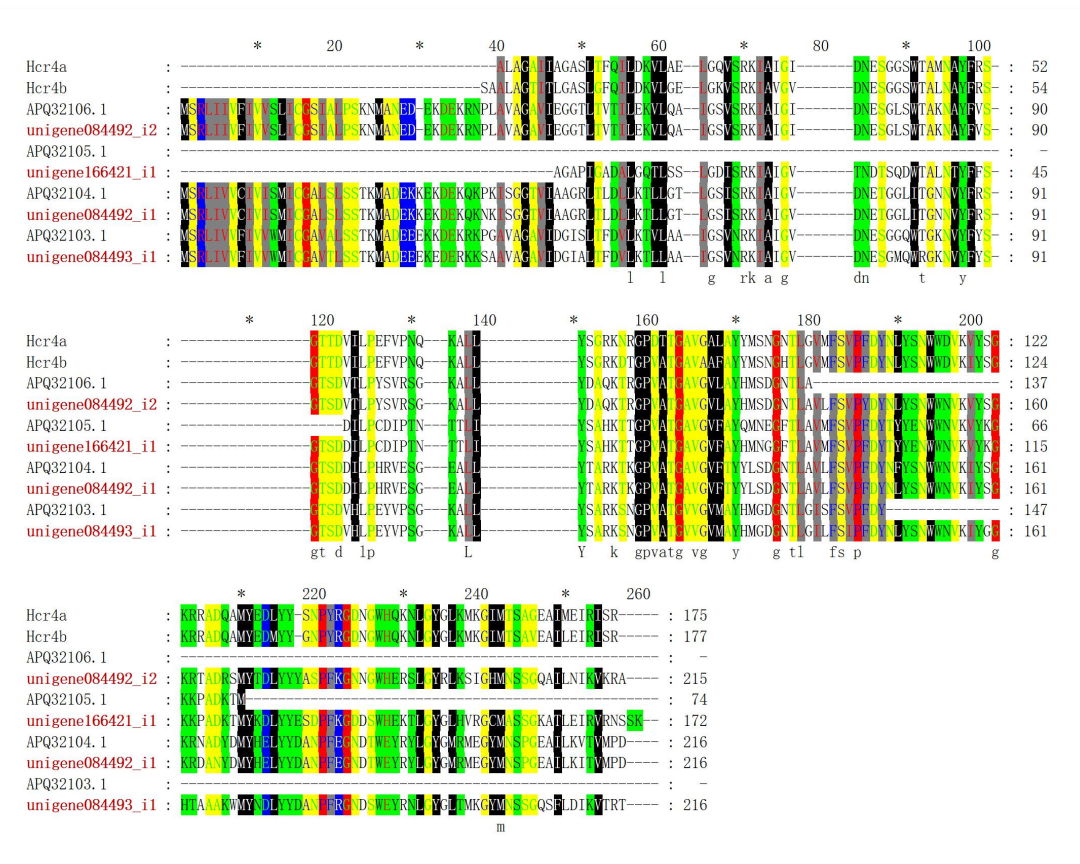
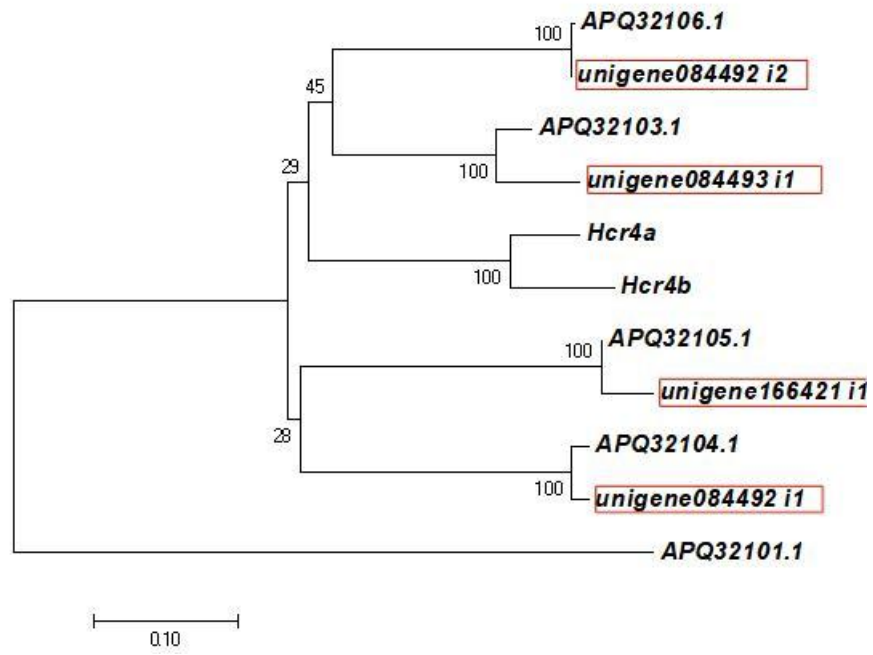Supplementary Fig. 2 The distribution of annotated unigenes

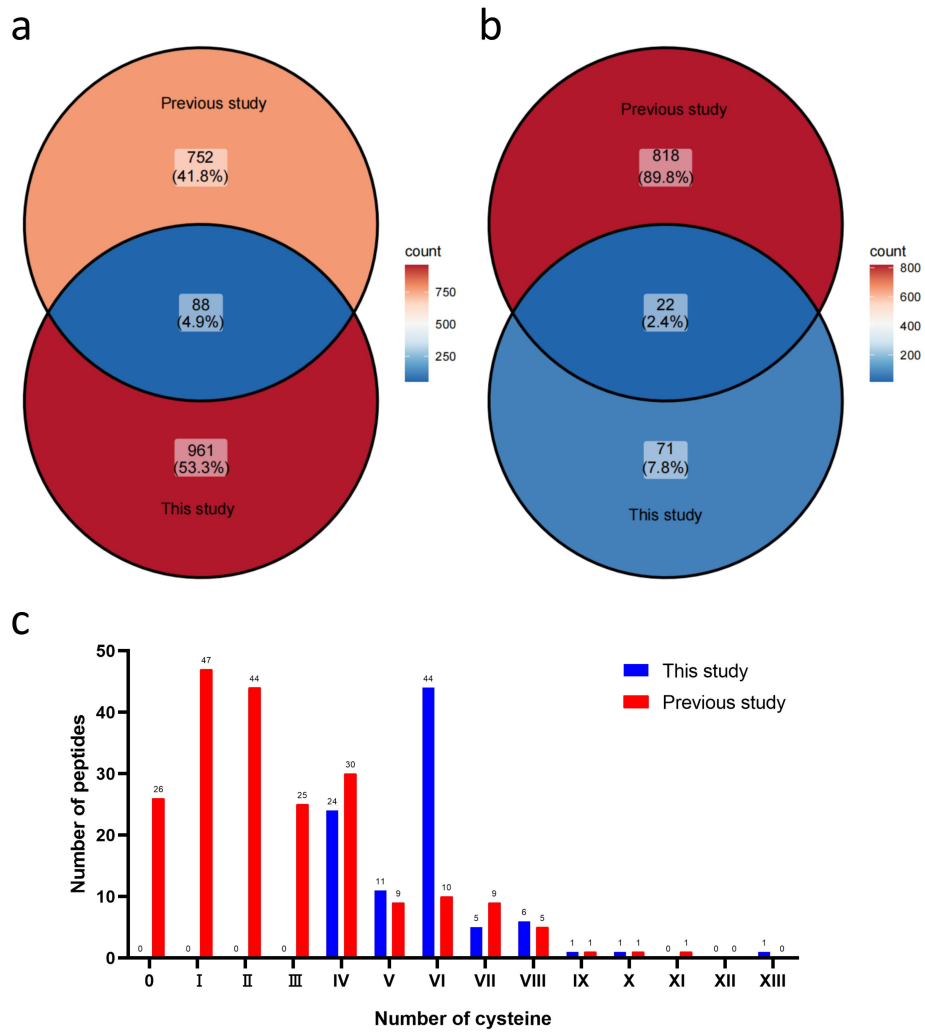Supplementary Fig. 3 Predict and classify functions on the KOG database

Supplementary Fig. 4 Annotated under three headings biological process, cellular component, and molecular function.

Supplementary Fig. 5 Sequence alignment between the actinoporins toxins sequence

Supplementary Fig. 6 Phylogenetic tree of the actinoporins toxins sequence

Supplementary Fig.7 Comparative analysis between the data from this study and those from previous study