

Figure S1. The phylogenetic position of the *Hirondellea gigas* and *Alicella gigantea* based on maximum likelihood (ML) estimation of FMO3 gene of selected crustacean species.

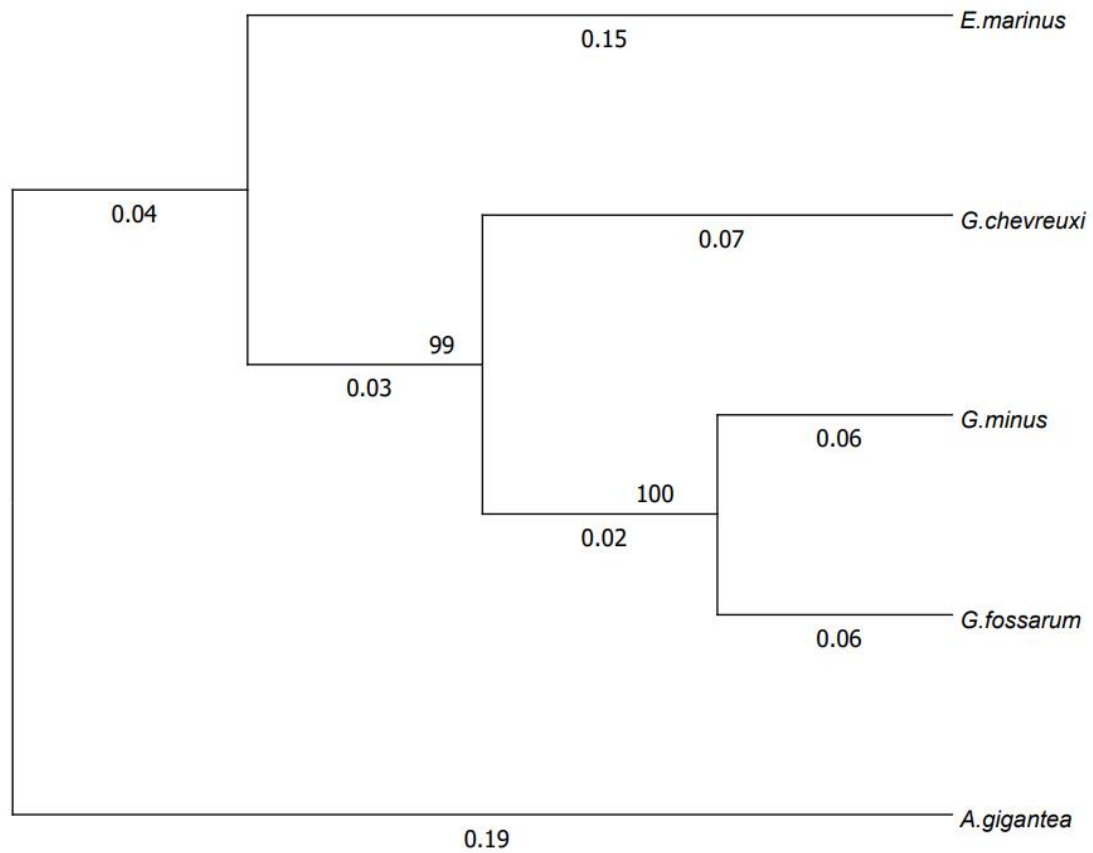


Figure S2. Phylogenetic tree of FMO3 with the branch lengths between Gammaroidea and *A. gigantea*.

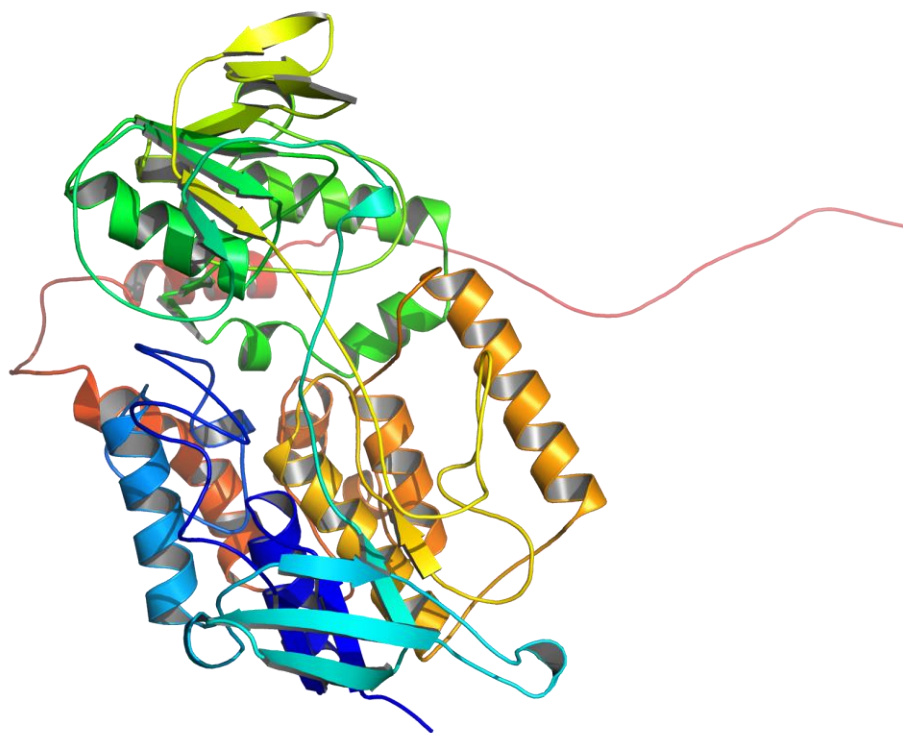


Figure S3. The prediction of three-dimensional crystal structure of FMO3 protein of *A. gigantea*.