

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description:

Table SS1. GO enrichment analysis of the expanded gene families of two penaeid shrimp species.

Table SS2. KEGG enrichment analysis of the expanded gene families of two penaeid shrimp species.

Table SS3. The length of various SSRs of different arthropods.

Table SS4. The density of various SSRs of different arthropods.

Table SS5. The relative quantity of metabolites identified in the salinity of 30‰ and 3‰ in the two penaeid shrimp species.

Table SS6. The differentially regulated compounds under low-salinity pressure in *F. chinensis*.

Table SS7. The differentially regulated compounds under low-salinity pressure in *L. vannamei*.