Hydractinia and Their Symbionts

Microbes associated with marine invertebrates are well-known to harbor an enormous biosynthetic potential. We combine new bioassays, genome sequencing and mining strategies to identify the encoded secondary metabolites with unique chemical scaffolds and potential pharmaceutical application.

shell overgrown with *H. echiniata*
Marine Bacteria

wild isolates of marine bacteria

pure isolates of marine bacteria

Pseudoalteromonas sp.

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