**Supplementary material**

**Table S1.** Presence (+) and absence (-) of nine types of parasites within microhabitats of the shrimp. The shrimp hepatopancreas is denoted by HP and the shrimp nerve cord is denoted by NC.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Gills** | **HP** | **Anterior Cecum** | **Gut Lining** | **Rectum** | **Muscle Tissue** | **NC** | **Ovaries** | **Others\*** |
|  |  |  |  |  |  |  |  |  |  |
| **Apostome Ciliates** | + | - | - | - | - | - | - | - | - |
| **Sessilid Ciliates** | + | - | - | - | - | - | - | - | - |
| **Gregarines** | - | - | - | - | + | - | - | - | - |
| **Meiodihaplophasids** | - | + | - | - | - | + | - | + | - |
| **Plagiorchiids** | + | + | - | + | ˗ | + | + | - | + |
| **Cyclophyllids** | - | - | - | + | - | - | - | - | - |
| **Lecanicephalideans** | - | - | - | - | - | - | + | - | - |
| **Rhabditids** | - | - | + | - | - | - | - | - | - |
| **Trypanorhynchs** | - | + | - | + | - | - | - | - | - |
|  |  |  |  |  |  |  |  |  |  |

\*Others = Palps and Lining of the Heart