**Table S1** Statistics of all genome project numbers

|  |  |  |  |
| --- | --- | --- | --- |
| Species | BioProject number | DOI | Reference |
| *Mytilus galloprovincialis* | NA | Unpublish data |  |
| *Mytilus coruscus* | NA | Unpublish data |  |
| *Ruditapes philippinarum* | PRJNA479743 | 10.1016/j.cbd.2023.101060. | (Yan et al., 2019) |
| *Patinopecten yessoensis* | MolluscDB | 10.1093/nar/gkaa918 | (Liu et al., 2021) |
| *Crassostrea gigas* | PRJEB35351 | 10.1093/gigascience/giab020. | (Peñaloza et al., 2021) |

**Reference**

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