**Table S2.** GenBank accession numbers of additional sequences including outgroup taxa used in this study (n/a is data not provided in reference literature or database)

|  |  |  |
| --- | --- | --- |
| **Species** | **Locality** | **Sequence accession number** |
| **COI** | **16S** | **18S** |
| *M. platycheles* | Singapore | - | AY377850\_1 | - |
|  | Malaysia | AB235293\_1 | DQ194954\_1 | - |
|  | Singapore | AB235294\_1 | DQ194955\_1 | - |
|  | n/a | - | - | AY374175\_1 |
| *M. urayang* | East Kalimantan, Indonesia | - | FM986643\_1 | FM986593\_1 |
| *M. yui* | Yunnan, China | AB235297\_1 | DQ194960\_1 | - |
| *Palaemon debilis* | n/a | MT666026\_1 | MT656165\_1 | FM986598\_1 |
| *M. scabriculum* | n/a | - | KC433315\_1 | - |
|  | India | JX431053\_1 | KP756688\_1 | - |
|  | n/a | JX413130\_1 | - | - |
|  | n/a | JX431052\_1 | - | - |
| *M. aff. pilimanus* | Khammouan, Laos | - | FM986605\_1 | FM986555\_1 |
| *M. pilimanus* | n/a | - | GQ487497\_1 | GQ487505\_1 |
|  | Tioman, Malaysia | - | FM986633\_1 | FM986583\_1 |
| *M. malayanum* | Gunonghedang, Malaysia | AB235281\_1 | DQ194947\_1 | - |
| *M. meridionalis* | Hainan, China | - | DQ194948\_1 | - |
| *M. eriocheirum* | Luang Prabang, Laos | - | AB646960\_1 | - |
|  | Luang Prabang, Laos | - | AB646961\_1 | - |
|  | Luang Prabang, Laos | - | AB646962\_1 | - |
|  | Luang Prabang, Laos | - | AB646955\_1 | - |
|  | Luang Prabang, Laos | - | AB646956\_1 | - |
|  | Luang Prabang, Laos | - | AB646957\_1 | - |
|  | Luang Prabang, Laos | - | AB646958\_1 | - |
|  | Luang Prabang, Laos | - | AB646959\_1 | - |
|  | Luang Prabang, Laos | - | AB646963\_1 | - |
|  | Luang Prabang, Laos | - | AB646964\_1 | - |
|  | Luang Prabang, Laos | - | AB646965\_1 | - |
|  | Luang Prabang, Laos | - | AB646966\_1 | - |
|  | Luang Prabang, Laos | - | AB646967\_1 | - |
| *M. dienbienphuense* | Luang Prabang, Laos | - | AB646968\_1 | - |
|  | Luang Prabang, Laos | - | AB646969\_1 | - |
|  | n/a | - | JQ390474\_1 | - |
|  | n/a | - | DQ991103\_1 | - |
|  | Mukdahan, Thailand | MF622018\_1 | - | MF622002\_1 |
|  | Phetchabun, Thailand | MF622019\_1 | - | MF622003\_1 |
| *M. niphanae* | Perlis, Malaysia | FM958076\_1 | FM986631\_1 | FM986581\_1 |
|  | Suphanburi, Thailand | MF622023\_1 | - | MF622007\_1 |
|  | Suphanburi, Thailand | MF622024\_1 | - | MF622008\_1 |
| *M. lepidactylus* | n/a | GU205073\_1 | - | GU205028\_1 |
|  | n/a | GU205072\_1 | - | GU205027\_1 |
| *M. hirsutimanus* | n/a | - | JQ390475\_1 | - |
|  | n/a | - | JQ390476\_1 | - |
| *M. forcipatum* | n/a | - | JQ362454\_1 | - |
| *M. amplimanus* | Luang Prabang, Laos | - | AB646951\_1 | - |
|  | Luang Prabang, Laos | - | AB646952\_1 | - |
|  | Luang Prabang, Laos | - | AB646953\_1 | - |
|  | Luang Prabang, Laos | - | AB646954\_1 | - |
| *Exopalaemon styliferus* | Tioman, Malaysia | FM958057\_1 | FM986602\_1 | - |
| *Coralliocaris superba* | Jordan | KU064960\_1 | KU064811\_1 | - |