**Table S1.** Accession numbers of scyllaeids for three genes used in the phylogenetic analysis

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  | Accession no. |  |
| Species | Voucher no. | COI | 16S | H3 |
| *Notobryon panamica* | CASIZ175778 | - | - | JN869440 |
| *Notobryon thompsoni* | CASIZ176277 | JN869455 | JN869412 | JN869438 |
| *Notobryon thompsoni* | CASIZ176362 | JN869456 | JN869413 | JN869439 |
| *Notobryon wardi* | CASIZ177537 | HM162714 | HM162638 | HM162545 |
| *Notobryon wardi* | CASIZ177540 | JN869454 | JN869411 | JN869437 |
| *Notobryon wardi* | CASIZ180378 | - | HM162639 | HM162546 |
| *Notobryon wardi* | CASIZ177589 | - | JN869410 | JN869436 |
| *Notobryon wardi* | CASIZ177591 | - | HM162637 | HM162544 |
| *Notobryon* sp. B | CASIZ177759 | - | HM162634 | HM162541 |
| *Notobryon* sp. C | CASIZ180376 | HM162712 | HM162635 | HM162542 |
| *Notobryon* sp. D | CASIZ176363 | HM162713 | HM162636 | HM162543 |
| *Crosslandia viridis* | CASIZ192342 | KP871637 | KP871685 | KP871661 |
| *Scyllaea fulva* | NMMB-M011734 | OR244354 | OR244362 | OR260996 |
| *Scyllaea fulva* | NMMB-M011735 | OR244355 | OR244363 | OR260997 |
| *Scyllaea fulva* | SRR3726701 | KX889746 | MK100991 | - |
| *Scyllaea fulva* | CASIZ182820 | JN869457 | JN869414 | JN869441 |
| *Scyllaea fulva* | CASIZ182823 | JN869458 | JN869415 | JN869442 |
| *Scyllaea fulva* | CASIZ184317 | JN869459 | JN869416 | JN869443 |
| *Scyllaea pelagica* | CASIZ175651 | HM162711 | HM162633 | HM162540 |
| *Melibe viridis* | CASIZ177524 | HM162700 | HM162618 | HM162524 |