**Table S1.** GenBank accession codes of individual 28SrRNA sequences

|  |  |  |  |
| --- | --- | --- | --- |
| Sample location | Taxonomic ID | Sample ID | Acc. Number |
| Praia Vermelha, site 5 | *Kata leroda* | KataVER51 | OR526693 |
| Praia Vermelha, site 6 | *Kata leroda* | KataVER61 | OR526694 |
| Praia Vermelha, site 5 | *Kata leroda* | KataVER59 | OR526700 |
| Praia Vermelha, site 6 | *Kata leroda* | KataVER62 | OR526701 |
| Praia Vermelha, site 6 | *Kata leroda* | KataVER63 | OR526702 |
| Armação, site 1 | *Kata* sp. | KataAR110 | OR526705 |
| Armação, site 3 | *Kata* sp. | KataAR311 | OR526709 |
| Praia Vermelha, site 4 | *Kata* sp. | KataVER42 | OR526712 |
| Praia Vermelha, site 5 | *Kata* sp. | KataVER55 | OR526713 |
| Armação, site 1 | *Kata* sp. | KataAR112 | OR526715 |
| United States of America | *Kata* sp. | KataBB4 | OR526716 |
| United States of America | *Parotoplana* sp. | ParotoplanaBB5 | OR526724 |
| Estaleiro, site 1 | *Kata leroda* | KataES12 | OR526695 |
| Estaleiro, site 1 | *Kata leroda* | KataES15 | OR526696 |
| Estaleiro, site 1 | *Kata leroda* | KataES16 | OR526697 |
| Estaleiro, site 1 | *Kata leroda* | KataES17 | OR526698 |
| Joaquina, site 3 | *Kata leroda* | KataJO37 | OR526699 |
| Joaquina, site 3 | *Kata leroda* | KataJO33 | OR526703 |
| Estaleiro, site 1 | *Kata leroda* | KataES18 | OR526704 |
| Armação, site 1 | *Kata* sp. | KataAR14 | OR526706 |
| Armação, site 1 | *Kata* sp. | KataAR17 | OR526707 |
| Armação, site 3 | *Kata* sp. | KataAR31 | OR526708 |
| Armação, site 3 | *Kata* sp. | KataAR33 | OR526710 |
| Armação, site 3 | *Kata* sp. | KataAR36 | OR526711 |
| Armação, site 3 | *Kata* sp. | KataAR37 | OR526714 |
| Joaquina, site 1 | *Archotoplana* sp. | ArchotoplanaJO17 | OR526717 |
| Joaquina, site 1 | *Archotoplana* sp. | ArchotoplanaJO19 | OR526718 |
| Joaquina, site 2 | *Archotoplana* sp. | ArchotoplanaJO22 | OR526719 |
| Joaquina, site 3 | *Archotoplana* sp. | ArchotoplanaJO32 | OR526720 |
| Baía Caravela, site 1 | *Meidiama* sp. | MeidiamaCA11 | OR526721 |
| Joaquina, site 1 | *Nematoplana* sp. | NematoplanaJO15 | OR526722 |
| Joaquina, site 2 | *Archotoplana* sp. | NematoplanaJO26 | OR526723 |
| United States of America | *Chromyella* sp. | ChromyellaBB3 | OR526725 |

Names and NCBI ID codes for each individual. Abbreviations as in table 1.