**Table S3.** Uncorrected *16S p*-distances (%) calculated based on individual gene of the five available *Scyllaea* species in the NCBI and the sequences of specimens from this study

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  Species | 1 | 2 | 3 | 4 | 5 | 6 |
| 1. *Scyllaea pelagica* (CASIZ175651)
 |  |  |  |  |  |  |
| 1. *Scyllaea fulva* (CASIZ184317)
 | 2.50% |  |  |  |  |  |
| 1. *Scyllaea fulva* (CASIZ182820)
 | 2.20% | 0.20% |  |  |  |  |
| 1. *Scyllaea fulva* (CASIZ182823)
 | 2.20% | 0.20% | 0.00% |  |  |  |
| 1. *Scyllaea fulva* (SRR3726701)
 | 2.20% | 0.20% | 0.00% | 0.00% |  |  |
| 1. *Scyllaea fulva* (NMMB-M011734)
 | 2.20% | 0.20% | 0.00% | 0.00% | 0.00% |  |
| 1. *Scyllaea fulva* (NMMB-M011735)
 | 2.20% | 0.20% | 0.00% | 0.00% | 0.00% | 0.00% |