|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **No** | **Species** | **GenBank Accession No.** | **P-distance (%)** | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| **1** | *Asteronyx loveni* (Japan) | AB758757 |  | 0.61% | 0.64% | 1.38% | 1.39% | 1.81% | 2.24% | 2.24% |
| **2** | *Asteronyx loveni* (South China Sea) | MZ198756 | 2.10% |  | 0.16% | 1.39% | 1.37% | 1.76% | 2.20% | 2.20% |
| **3** | *Asteronyx loveni* (East China Sea) | MZ198755 | 2.28% | 0.17% |  | 1.40% | 1.37% | 1.78% | 2.21% | 2.20% |
| **4** | *Asteronyx reticulata* (East China Sea) | MZ198758 | 10.64% | 10.64% | 10.84% |  | 1.08% | 1.94% | 2.22% | 2.22% |
| **5** | *Asteronyx luzonicus* (South China Sea) | MZ198757 | 10.47% | 10.47% | 10.46% | 6.56% |  | 1.88% | 2.12% | 2.09% |
| **6** | *Astrodia abyssicola* | AB758828 | 15.74% | 15.30% | 15.51% | 16.84% | 16.88% |  | 2.13% | 2.16% |
| **7** | *Asteroschema tubiferum* | KU895076 | 25.47% | 24.47% | 24.49% | 24.26% | 23.06% | 22.15% |  | 0.84% |
| **8** | *Asteroschema bidwillae* | KU895077 | 25.25% | 24.01% | 24.02% | 23.55% | 22.60% | 21.94% | 4.10% |  |

Supplementary file 2. Family Asteronychidae, pairwise distance values based on 601 bp mitochondrial COI sequences, calculated using the Kimura 2-parameter method with 1,000 bootstrap replicates (Values in blue represent Standard Error).