***Echinostoma chankensis* nom. nov., other *Echinostoma* spp. and *Isthmiophora hortensis* in East Asia: Morphology, molecular data and phylogeny within Echinostomatidae**

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**Supporting Information (Table S3)**

**Table S3.**

List of primers for amplification and sequencing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| DNA region | Primer | Sequence 5′→3′ | Direction | Reference |
| *28S* | digl2 | AAGCATATCACTAAGCGG | forward,  external | Tkach *et al.* 2003 |
| 1500R | GCTATCCTGAGGGAAACTTCG | reverse,  external | Tkach *et al.* 2003 |
| 900F | CCGTCTTGAAACACGGACCAAG | forward,  internal | Tkach *et al.* 2003 |
| 300F | AGGGTTCGATTCCGGAG | forward, internal | Lockyer *et al.* 2003 |
| ECD2 | CTTGGTCCGTGTTTCAAGACGGG | reverse, internal | Tkach *et al.* 2003 |
| 1200R | CTTGGTCCGTGTTTCAAGACGGG | reverse, internal | Tkach *et al.* 2003 |
| *ITS2* | BD1 | GTCGTAACAAGGTTTCCGTA | forward, external | Morgan and Blair, 1995 |
| 28S4R | TATTTAGCCTTGGATGGAGTTTACC | reverse, external | Besprozvannykh *et al.* 2019 |
| 28S1R | GTGTTTCAAGACGGGTCG | reverse, external | Shumenko *et al.* 2017 |
| BD2 | TATGCTTAAG(A)TTCAGCGGGT | reverse, external | Morgan and Blair, 1995 |
| *cox1* | JB3 | TTTTTTGGGCATCCTGAGGTTTA | forward, external | Morgan and Blair, 1998*a* |
| JB4.5 | TAAAGAAAGAACATAATGAAAATG | reverse,  external | Bowles and McManus, 1994 |
| *nad1* | NDJ11 | AGATTCGTAAGGGGCCTAATA | forward,  external | Morgan and Blair, 1998*a* |
| NDJ2A | CTTCAGCCTCAGCATAAT | reverse,  external | Kostadinova *et al.* 2003 |
| JB12 | ACCACTAACTAATTCACTTTC | reverse,  external | Morgan and Blair, 1998*a* |