**Table S1.** Primers used for amplification and sequencing of the ribosomal transcription unit of species in Fasciolidae

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Primer name** | **Sequence (5'–3')** | **Length**  **(bp)** | **Tm (°C)** | **Target gene** | **Reference** |
| UD18SF | AACCTGGTTGATCCTGCCAG | 20 | 59 | 18S (F) | Olson *et al.,* 2003 |
| NS1F | GTAGTCATATGCTTGTCTC | 19 | 48 | 18S (F) | Le *et al.,* 2017 |
| U18SF | GCGAATGGCTCATTAAATCAGC | 22 | 57 | 18S (F) | Le *et al.,* 2017 |
| U18S2R\* | GGTTCTGTTCTAATAAATCCAC | 22 | 50 | 18S (R) | Le *et al.,* 2017 |
| U18SAR\* | CCGTCGCCGACACAAGGCCGAC | 22 | 67 | 18S (R) | Le *et al.,* 2017 |
| NS2F\* | GCAAGTCTGGTGCCAGCAGCC | 21 | 66 | 18S (F) | Le *et al.,* 2017 |
| NS2R\* | **GGCCTGCTTTGAGCACTC** | 18 | 59 | 18S (R) | Le *et al.,* 2017 |
| U18S2F | TCGTGACTGGGATCGGGGC | 19 | 64 | 18S (F) | Le *et al.,* 2017 |
| NS5F\* | TGAATGGTTTAGCAAGGTCCTCGG | 24 | 61 | 18S (F) | Le *et al.,* 2017 |
| U18SR\* | GGAACCAATCCGAGGACCTTGC | 22 | 63 | 18S (R) | Le *et al.,* 2017 |
| NS8R\* | CACCTACGGAAACCTTGTTACGACTT | 26 | 60 | 18S (R) | Le *et al.,* 2017 |
| U3SF | GGTACCGGTGGATCACTCGGCTCGTG | 26 | 67 | 5.8S (F) | Le *et al.,* 2016 |
| U3SR | CGACCCTCGGACAGGCG | 17 | 64 | 5.8S (R) | Le *et al.,* 2017 |
| U28SF\* | CTAACAAGGATTCCCTTAGTAAC | 23 | 52 | 28S (F) | Le *et al.,* 2017 |
| U28S2R\* | ACAACCCGACTCCAAGGTC | 19 | 59 | 28S (R) | Le *et al.,* 2016 |
| U28F\* | TCGGAGACGGCGGCTTG | 17 | 63 | 28S (F) | Le *et al.,* 2017 |
| U28S2F\* | ATCACCGGCCCGTCCCATG | 19 | 65 | 28S (F) | Le *et al.,* 2017 |
| U28SR | GTCTTTCGCCCCTATACTCAC | 21 | 57 | 28S (R) | Le *et al.,* 2017 |
| 1500R | GCTATCCTGAGGGAAACTTCG | 21 | 57 | 28S (R) | Olson *et al.,* 2003 |
| U28SF1 | GTGTAACAACTCACCTGCCGAATC | 24 | 58 | 28S (F) | This study |
| U28SF2 | AGGCCGTACCCATATCCGC | 19 | 56 | 28S (F) | This study |
| U28SF3 | GACCCGAAAGATGGTGAACTATGC | 24 | 57 | 28S (F) | This study |
| 28ENDR | TTCTGACTTAGAGGCGTTCAGTC | 23 | 55 | 28S (R) | This study |
| 28ENDF | TTCTGACTTAGAGGCGTTCAGTC | 23 | 56 | 28S (F) | This study |
| U28TUF | CGACGTCGCTTTTTGATCCTTCG | 23 | 61 | 28S (F) | This study |
| U18TUR | CGGGTCAGGGCATAGTGGC | 19 | 63 | 18S (R) | This study |

Abbreviations: F: forward, R: reverse, Tm: melting temperature. \*Primers used for sequencing; primers U3SF and U28S2R were listed in Le *et al*. (2016) (*Infect Genet Evol*. 2016. 37:94-8).