

The primer pairs designed

For SSU rRNA:

(Sense primer) 5' AGCAGCCGCGGTAATTCC 3'

3' (680) TCGTCGGCGCCATTAAGG (697) 5'

(Anti-sense primer) 5' CCTTGTTACGACTTCTCCTTCC 3'

3' (1629) GGAACAATGCTGAAGAGGAAGG (1608) 5'

For  $\beta$ -giardian:

(Sense primer) 5' GCGAGGAGGTCAAGAAGTC 3'

3' (11) CGCTCCTCCAGTTCTTCAG (29) 5'

(Anti-sense primer) 5' GAGCGTGTTGACGATCTTGT 3'

3' (510) CTCGCACAACCTGCTAGAACA (491) 5'