

APPENDIX 3

The sequence determined in the current study was assigned the accession number: AJ431366. GenBank accession numbers of additional sequences utilised in the analyses are: *Amblyospora stimuli* (AF027685), *Ameson michaelis* (L15741), *Encephalitozoon cuniculi* (L39107), *Encephalitozoon (=Septata) intestinalis* (L19567), *Endoreticulatus shubergi* (L39109), *Enterocytozoon bieneusi* (AF023245) & (AF024657), *Glugea anomala* (AF044391), *Glugea plecoglossi* (AJ295326), *Glugea stephani* (AF056015), *Heterosporis anguillarum* (Kamaish, T, 1996), *Ichthyosporidium* sp. (L39110), *Loma salmonae* (U78736), *Microgemma* sp. (AJ252952), *Microsporidium seriolae* (AJ295322), *Microsporidium* sp. (RSB) (AJ295323), *Microsporidium* sp. (D) (AF394528), *Nosema apis* (U97150), *Nosema granulosis* (AJ011833), *Nosema trichoplusiae* (U09282), *Nucleospora* spp (NSU78176), (AF186001), (ESLSRRN), (AF201911), (AF186007), (AF185992) & (AF185989), *Ordospora colligata* (AF394529), *Pleistophora ehrenbaumi* (AF044392), *Pleistophora finisterrensis* (AF044393), *Pleistophora hippoglossoideos* (AF044388), *Pleistophora mirandellae* (AJ295327), *Pleistophora* sp. (Tb) (PSP252957), *Pleistophora* sp. (Pa) (PSP252958), *Pleistophora* sp. (Ls) (AJ252959), *Pleistophora* sp. I (AFO44394), *Pleistophora* sp. II (AF044389), *Pleistophora* sp. III (AF044390), *Pleistophora typicalis* (AF044387), *Pseudoloma neurophilia* (AF322654), *Spraguea lophii* (AF033197), *Trachipleistophora hominis* (THAAJ2605), *Tritrichomonas foetus* (M81842), Unidentified micro (GHB) (AJ295324), Unidentified micro Mj (AJ295328), Unidentified micro Tr (AJ295329), (*Vairimorpha necatrix* (M24612), *Vairimorpha lymantriae* (AF141129), *Vavraia oncoperae* (X74112), and *Vittaforma corneum* (L39112).

Sea lice rRNA gene sequence 1411 bases

CTAGAAGTGCCTATTGTGGATTCTGCACTTAAAAAGTCCGTAGTCGTTG
 ATGCAATTAAAAGGTGTAGATCAAGTGCACCAAGTTTGTAGTTGTGGC
 GGAGCGGACAGGGAGCATGGTATAGGTTGGCGAAGAATGAAATCTCAAG
 ACCCAACCTGGACCAACTGAGGCGAAAGCGGTGCTCTTGTACGCGTCTG
 TGGATCAAGGACGAAGGCTAGAGGATCGAAAGTGATTAGACACCGCTGT
 AGTTCTAGCAGTAACTATGCCGACATTCTCTGTTGTTGAGACGGGGAG
 GGGAGAAATCTTAGTTTTTCGGGCTCTGGGGATAGTACGCTTGCAAGAGT
 GAACTTAAAGCGAAATTGACGGAAGATCACCACAAGGAGTGGATTGTA
 CTGCTTAATTTGACTCAACACGGGAAAACCTACCAGGGCCAAGTCTCTC
 GTAGATTGGCGACATGAGAGGGGCAAGAGTGGTGCATGGCCGTTGGAAA
 TTGATGGGATGACCTTTAGCTTAAGTGCTGTAACCAGTGAGATCTTCTA
 GACAGGTGTCTTACTGACACAGGAAGGAGAAGGCTATAACAGGTCCGTG
 ATGCCCTCAGATGCCCTGGGCCGCAAGTGCAATACAATATCCGTTTGAG
 CGACATAAATATGCTTACGGATGAGTAGGATTAGCTCTTGTAATGAGC
 TATGAATGAGGAATTCCTAGAACTGTGTCTCATCAAGGCACAGTGAATG
 CGACCCTGTTCTTTGTACACACCGCCCGTCACTATTGCGGATGGCAATC
 AAGATGAAGAGCCTAGGTTCTGAATATTGATCGTTAGACATAATACAAG
 TCGTAACAAGGTAACGTAAGGAGAACCAGCCGTTGGATCATTCAAAAAC
 CTTTTTTGCCGGCAGTGCATCCTGATAGCATCACGTTTCAGATTTGCACT
 GTGCACTGTTTTTTGGACATAGTATATGAGTAGTAGGACTGCTTAGTGA
 GTGTGTGTATTCAACCCCTGGTATGGGATCAATCGACTCTGGTAGCGAT
 GACGAACGCATACGAGTGCGAAACGTGTATCTTTTCTAATGTGCAGCAG
 TGCTGCAGGCAACGCCCTGAACTTAAGCATATCAGTAAGGGCAGGAAAA
 GAAACCAACTGGGATTCCACTAGTAGCGGCGAGTGAATATGGATGAGCT
 CTAATGGTAAAGTGCAAGCACTGTTGTAAGAGCACTGCTAGCTAGATCT
 GCTGGAATGCAGAGCACATGCCGGTGACAGCCCCGGACAGCAACAGCAG
 TGCGGTAGAGCGAGTAGCGTTGCTTGGTAGTGCAATGTGAACGGGAGGT
 AGTAGCTTCCAAGGCTAAATATACCCAGAGATCGATAGCAAATAAGTAG
 CGCGAGCGAAGTGTGAAAAACGTCATTTGGACAGTGAAA