Bonamia ostreae 18S ribosomal RNA gene and internal transcribed spacer 1, complete sequence; and 5.8S ribosomal RNA gene, partial sequence

GenBank: AF262995.1

FASTA Graphics

Go to:

LOCUS AF262995 1991 bp DNA linear INV 30-JUL-2001
DEFINITION Bonamia ostreae 18S ribosomal RNA gene and internal transcribed spacer 1, complete sequence; and 5.8S ribosomal RNA gene, partial sequence.
ACCESSION AF262995
VERSION AF262995.1
KEYWORDS .
SOURCE Bonamia ostreae
ORGANISM Bonamia ostreae
Eukaryota; Sar; Rhizaria; Endomyxa; Ascetosporea; Haplosporida; Bonamia.
REFERENCE 1 (bases 1 to 1991)
AUTHORS Carnegie,R.B., Barber,B.J., Culloty,S.C., Figueras,A.J. and Distel,D.L.
TITLE Development of a PCR assay for detection of the oyster pathogen Bonamia ostreae and support for its inclusion in the Haplosporidia
JOURNAL Dis. Aquat. Org. 42 (3), 199-206 (2000)
PUBMED 11104071
REFERENCE 2 (bases 1 to 1991)
AUTHORS Carnegie,R.B., Barber,B.J., Culloty,S.C., Figueras,A.J. and Distel,D.L.
TITLE Direct Submission
JOURNAL Submitted (02-MAY-2000) School of Marine Sciences, University of Maine, 5735 Hitchner Hall Room 327, Orono, ME 04469, USA
FEATURES Location/Qualifiers
source 1..1991
/organism="Bonamia ostreae"
/mol_type="genomic DNA"
/db_xref="taxon:126728"
/geo_loc_name="USA"
rRNA 1..1793
/product="18S ribosomal RNA"
misc_RNA 1794..1940
/product="internal transcribed spacer 1"
/note="ITS1"
rRNA 1941..>1991
/product="5.8S ribosomal RNA"
ORIGIN
1 ggttgatcct gccagtagtc atatgcttgt ctcaaagatt aagccatgca tgtccaagta

```
     61 taaacacgtt tgtactgtga aactgcagat ggctcattat aacagttata gtttatttga
    121 cattgaactg ttacacggat aaccgtagta acctagggct aatacgtgac aaaccctgcc
    181 tcggcgggag tgcatattag ctgaaaacca actttggttg aataataata tttgtcggat
    241 cgcgttggct tcgccagcga catgtcattc aagtttctga cctatcagct tgacggtagg
    301 gtattggcct accgtggctt tgacgggtaa cggggaatgc gggttcgatt ccggagaggc
    361 agcctgagaa acggctacca catccacggg aggcagcagg tgcgcaaatt acccaattct
    421 gactcagaga ggtagtgaca agaaataacg atatgcggcc aactggttgc ttatccggaa
    481 tgagaacaat gtaaaaacct tatcgaattc cagcggaggg caagcctggt gccagcagcc
    541 gcggtaatac cagctccgct agcgtatact aaagttgttg ctgttaaaac gctcgtagtt
    601 ggatatctgc ccccgggccg gcccggtcgt ccgcgaccgc acacacgtgc agagcggccg
    661 cccgggggca taattcagga acgccggtct ggccatttaa ttggtcgggc cgctggtcct
    721 gatcctttac tttgagaaaa ttaaagtgct caaagcaggc tcgcgcctga atgcattagc
    781 atggaataat aagacacgac ttcggcgccg cctcggcggt tgttttgtcg gttttgagct
    841 ggagtaatga ttgatagaaa caattggggg tgctagtatc gccgggccag aggtaaaatt
    901 ctttaattcc ggtgagacta acttatgcga aagcattcac caagcgtgtt ttctttaatc
    961 aagaactaaa gttgggggat cgaagacgat cagataccgt cgtagtccca accataaacg
   1021 atgtcaacta agcattgggc tatcaaactt cctcagcact tttcgagaaa tcaaagtttt
   1081 cggactcagg gggaagtatg ctcgcaagag tgaaacttaa aggaattgac ggaagggcac
   1141 cacaagttgt ggagcctgcg gcttaatttg attcaacacg ggaaaactta ccaggtccag
   1201 acatagtaag gattgacaga ctaaagttct ttcttgattc tatgcatggt ggtgcatggc
   1261 cgttcttagt ccctagggtg acccctctgg ttaattccga taacggacga gaccccaccc
   1321 atctaactag ccggcgctaa cccggcgctc ggcgccagtt agcggggtgc agcattgcgc
   1381 gcccggcttc ttagagggac tatctgtgtc tccagcagat ggaagattgg ggcaataaca
   1441 ggtcaggatg cccttagatg ctctgggctg cacgcgcgct acaatggtgc gttcaacgag
   1501 tttgacccgg cttgacaagg ccgggtaatc ttcaacgcgc acccaagttg ggatagatga
   1561 ttgcaattgt tcatcttgaa caaggaatat ctagtaaacg caagtcatca acttgcattg
   1621 attacgtccc tgccctttgt acacaccgcc cgtcgcttct accgattgaa taatgaggtg
   1681 aattaggtgg ataagagcgc tccgcgttct tagaagcttc gtgaaccttg ttatttagag
   1741 gaaggaaaag tcgtaacaag gtttccgtag gtgaacctgc ggaaggatca ttacaccaca
   1801 ttttattgca cgataaaatt caaccgcgaa cccacatttt attattgcaa actctggcta
   1861 cagattgaca acacaaatgc agcgcaagga ttttgtgcaa ggaatttgcg caaagttctt
   1921 gcgctgcaaa actcccgaca acagtctttg caatggatga ctaggctctc gcaacgatga
   1981 aggacgcagc a
//
```