Avian reovirus strain S1133 segment S1, complete sequence

GenBank: AF330703.1

FASTA Graphics

Go to:

```
LOCUS       AF330703              1643 bp ds-RNA     linear   VRL 15-MAR-2002
DEFINITION  Avian reovirus strain S1133 segment S1, complete sequence.
ACCESSION   AF330703
VERSION     AF330703.1
KEYWORDS    .
SOURCE      Avian reovirus strain S1133
  ORGANISM  Avian reovirus strain S1133
            Viruses; Riboviria; Orthornavirae; Duplornaviricota;
            Resentoviricetes; Reovirales; Spinareoviridae; Orthoreovirus.
REFERENCE   1  (bases 1 to 1643)
  AUTHORS   Bodelon,G., Labrada,L., Martinez-Costas,J. and Benavente,J.
  TITLE     The avian reovirus genome segment S1 is a functionally
tricistronic
            gene that expresses one structural and two nonstructural proteins
            in infected cells
  JOURNAL   Virology 290 (2), 181-191 (2001)
   PUBMED   11883183
REFERENCE   2  (bases 1 to 1643)
  AUTHORS   Labrada,L. and Benavente,J.
  TITLE     Direct Submission
  JOURNAL   Submitted (20-DEC-2000) Bioquimica y Biologia Molecular, Facultad
            Farmacia, Universidad Santiago de Compostela, Campus sur S/N,
            Santiago de Compostela, A Coruna 15706, Spain
FEATURES             Location/Qualifiers
     source          1..1643
                     /organism="Avian reovirus strain S1133"
                     /mol_type="genomic RNA"
                     /strain="S1133"
                     /db_xref="taxon:38171"
                     /segment="S1"
     CDS             25..321
                     /codon_start=1
                     /product="membrane fusion protein p10"
                     /protein_id="AAK18186.1"
                     /translation="MLRMPPGSCNGATAVFGNVHCQAAQNTAGGDLQATSSIIAYWPY
                     LAAGGGFLLIVIIFALLYCCKAKIKADAARSVFHRELVALSSGKHNAMAPPYDV"
     CDS             293..733
                     /codon_start=1
                     /product="p17"
                     /protein_id="AAK18187.1"
```

/translation="MQWLRHTTFEVQRFNFCPLSLRELAIPSFTAITGADPSQYFNIE
LPHTHPLYSKLPTLLSQPCRVHVRLIRRFALYSTLSSICEYDCALLFSPHAIVPLPAS
DRRSCLIVHWDGGSQSIAAKRGRQLDTVIDFEREYKSWRFDADL"

CDS 630..1610

/note="minor outer capsid protein"
/codon_start=1
/product="cell attachment protein sigma C"
/protein_id="AAK18188.1"
/translation="MAGLNPSQRREVVSLILSLTSNVNISHGDLTPIYERLTNLEAST
ELLHRSISDISTTVSNISANLQDMTHTLDDVTANLDGLRTTVTALQDSVSILSTNVTD
LTNRSSAHAAILSSLQTTVDGNSTAISNLKSDISSNGLAITDLQDRVKSLESTASHGL
SFSPPLSVADGVVSLDMDPYFCSQRVSLTSYSAEAQLMQFRWMARGTNGSSDTIDMTV
NAHCHGRRTDYMMSSTGNLTVTSNVVLLTFDLSDITHIPSDLARLVPSAGFQAASFPV
DVSFTRDSATHAYQAYGVYSSSRVFTITFPTGGDGTANIRSLTVRTGIDT"

ORIGIN

```
      1 gctttttcaa tcccttgttc gtcgatgctg cgtatgcctc ccggttcatg taacggtgcg
     61 actgctgtat ttggtaacgt tcattgtcag gcagctcaga acacggcagg tggtgatttg
    121 caagctacgt catccataat tgcatattgg ccttatctag cggcgggtgg tggtttctta
    181 ttaattgtta tcattttcgc tcttctatac tgttgtaagg ctaagatcaa ggcggacgct
    241 gcacgtagtg tcttccatcg tgagctggta gcgttgagtt ctggtaagca caatgcaatg
    301 gctccgccat acgacgtttg aagtgcaacg atttaatttc tgtccgctat cacttcgcga
    361 acttgctatc ccatcattta ctgctataac tggggctgac ccatcacagt attttaacat
    421 tgagctccca cacactcatc ctctctattc caaattgcct actctgttat ctcaaccttg
    481 tagggtccac gtgcggctga ttcgccggtt cgctctctat tcaacattgt caagtatttg
    541 tgagtacgat tgtgctctac tattctcccc acacgctatc gttccattgc ctgcatccga
    601 tcggcggtct tgtcttatag ttcattggga tggcgggtct caatccatcg cagcgaagag
    661 aggtcgtcag cttgatactg tcattgactt cgaacgtgaa tataagtcat ggcgatttga
    721 cgccgatcta tgaacggctg accaatctag aagcgtctac ggagttatta catcgctcca
    781 tttccgatat atccactact gtctcaaata tttctgcaaa tttacaagac atgacccata
    841 cattggatga tgtaactgct aatttagacg gtttgaggac cactgttact gcacttcagg
    901 attccgtctc cattctgtct acaaatgtga ctgacttaac gaacagatcc tctgcgcacg
    961 cggcgatact atcttcactt cagactacgg ttgacggaaa ctccactgcc atctccaatt
   1021 tgaagagtga tatctcgtcg aacggtttag ctattacaga tctgcaggat cgtgttaaat
   1081 cattggagtc taccgcgagt catggtctat ctttttcgcc tccgcttagt gtcgctgacg
   1141 gcgtggtttc attagacatg gacccctact tctgttctca acgagtttct ttaacatcat
   1201 actcggcgga ggctcaacta atgcaatttc ggtggatggc acggggtact aacggatcat
   1261 ctgataccat tgacatgacc gttaacgctc actgtcatgg aagacgcact gattatatga
   1321 tgtcgtccac gggaaatctc acggtcacta gtaacgtcgt gttattaacc ttcgatttaa
   1381 gtgacataac gcatatccca tcagacctag cacgtcttgt tcccagtgcg ggattccaag
   1441 ctgcgtcgtt ccctgtggac gtatcattca cccgcgattc tgcgactcat gcgtaccaag
   1501 cgtatggggt gtactcgagc tcacgtgtct tcacaattac tttcccaacc ggaggtgatg
   1561 gtacagcgaa cattcgttcc ttgaccgtgc gtaccggcat cgacacctaa ggtgtggcgc
   1621 cgtactggga ttggttattc atc
```

//