Sin Nombre virus segment S, complete sequence

NCBI Reference Sequence: NC_005216.1

FASTA Graphics

Go to:

LOCUS NC_005216 2059 bp cRNA linear VRL 13-AUG-2018
DEFINITION Sin Nombre virus segment S, complete sequence.
ACCESSION NC_005216
VERSION NC_005216.1
DBLINK BioProject: PRJNA485481
KEYWORDS RefSeq.
SOURCE Orthohantavirus sinnombreense
ORGANISM Orthohantavirus sinnombreense
Viruses; Riboviria; Orthornavirae; Negarnaviricota;
Polyploviricotina; Bunyaviricetes; Elliovirales; Hantaviridae;
Mammantavirinae; Orthohantavirus.
REFERENCE 1 (bases 1 to 2059)
AUTHORS Spiropoulou,C.F., Morzunov,S., Feldmann,H., Sanchez,A., Peters,C.J.
and Nichol,S.T.
TITLE Genome structure and variability of a virus causing hantavirus pulmonary syndrome
JOURNAL Virology 200 (2), 715-723 (1994)
PUBMED 8178455
REFERENCE 2 (bases 1 to 2059)
CONSRTM NCBI Genome Project
TITLE Direct Submission
JOURNAL Submitted (12-AUG-2004) National Center for Biotechnology Information, NIH, Bethesda, MD 20894, USA
REFERENCE 3 (bases 1 to 2059)
AUTHORS Nichol,S.T.
TITLE Direct Submission
JOURNAL Submitted (07-FEB-1994) Stuart T. Nichol, Special Pathogens Branch,
Centers for Disease Control and Prevention, Atlanta, GA 30333, USA
COMMENT VALIDATED REFSEQ: This record has undergone validation or preliminary review. The reference sequence was derived from L25784.
COMPLETENESS: full length.
FEATURES Location/Qualifiers
source 1..2059
/organism="Orthohantavirus sinnombreense"
/mol_type="viral cRNA"
/strain="NM H10"
/isolate="case H10"

/db_xref="taxon:3052499"
/segment="S"

gene 43..1329
/locus_tag="SNVsSgp1"
/db_xref="GeneID:2943142"

CDS 43..1329
/locus_tag="SNVsSgp1"
/note="putative"
/codon_start=1
/product="nucleocapsid protein"
/protein_id="NP_941975.1"
/db_xref="GeneID:2943142"
/translation="MSTLKEVQDNITLHEQQLVTARQKLKDAERAVELDPDDVNKSTL
QSRRAAVSALETKLGELKRELADLIAAQKLASKPVDPTGIEPDDHLKEKSSLRYGNVL
DVNSIDLEEPSGQTADWKSIGLYILSFALPIILKALYMLSTRGRQTIKENKGTRIRFK
DDSSYEEVNGIRKPRHLYVSMPTAQSTMKADEITPGRFRTIACGLFPAQVKARNIISP
VMGVIGFSFFVKDWMERIDDFLAARCPFLPEQKDPRDAALATNRAYFITRQLQVDESK
VSDIEDLIADARAESATIFADIATPHSVWVFACAPDRCPPTALYVAGMPELGAFFAIL
QDMRNTIMASKSVGTSEEKLKKKSAFYQSYLRRTQSMGIQLDQKIIILYMSHWGREAV
NHFHLGDDMDPELRELAQTLVDIKVREISNQEPLKL"

gene 122..313
/locus_tag="SNVsSgp2"
/db_xref="GeneID:11293632"

CDS 122..313
/locus_tag="SNVsSgp2"
/codon_start=1
/product="putative nonstructural protein"
/protein_id="YP_004928152.1"
/db_xref="GeneID:11293632"
/translation="MQKERWNWTPMMLTKAHYRADGQLCLHWRPNSENLSGNWLILLQ
LRNWLQNLLIQQGLNLMTI"

ORIGIN

```
      1 tagtagtaga ctccttgaga agctactacg actaaagctg gaatgagcac cctcaaagaa
     61 gtgcaagaca acatcactct ccacgaacaa caactcgtga ctgccaggca gaagctcaaa
    121 gatgcagaaa gagcggtgga attggacccc gatgatgtta acaaaagcac attacagagc
    181 agacgggcag ctgtgtctgc attggagacc aaactcggag aacttaagcg ggaactggct
    241 gatcttattg cagctcagaa attggcttca aaacctgttg atccaacagg gattgaacct
    301 gatgaccatc taaaggaaaa gtcatcattg agatatggaa atgtccttga tgtaaattcc
    361 attgacttag aagagccaag tgggcaaaca gctgattgga aatccatcgg actctacatt
    421 ctaagtttcg cattaccgat tattcttaaa gccttgtaca tgttatctac taggggccgt
    481 caaacaatca aagaaaacaa gggaacaaga attcgattca aggatgattc atcttatgaa
    541 gaagtcaatg ggatacgtaa gccaagacat ctgtatgttt ctatgccaac tgcccagtct
    601 acaatgaaag cagatgagat tactcccggg aggttccgta caattgcttg tggattattc
    661 ccagcccaag tcaaagcaag gaatattatc agtcctgtca tgggtgtgat tggctttagt
```

```
 721 ttttttgtga aagattggat ggaaaggatt gatgacttcc tggctgcacg ttgcccattt
 781 ctgcctgagc agaaagaccc tagagatgct gcattggcaa ctaatagagc ctattttata
 841 acacgtcaat tacaggttga tgagtcaaag gttagtgata ttgaggacct gattgctgat
 901 gcaagggctg agtctgccac tatattcgca gatattgcta ctcctcattc agtttgggtc
 961 tttgcatgtg ctccagatcg ttgtccacct acagcattat atgtggccgg gatgccggaa
1021 ctgggtgcat tttttgctat tctccaggat atgaggaaca ccataatggc atccaaatct
1081 gtggggacat ctgaagagaa attgaagaag aaatcagcat tctaccagtc atacttaaga
1141 cgtactcagt caatgggaat tcaactggac cagaagataa tcatcttata catgagccat
1201 tggggaagag aggccgtgaa tcacttccat cttggagatg atatggatcc tgagcttagg
1261 gaacttgccc agacccttgt agatatcaag gtcagggaaa tctctaacca agaaccactt
1321 aaactttaag tgggcagtaa tcaacttata ttcagggcat tattataacc agggtaatgg
1381 gcactaatca gggtttattg cactagggtg ggttcaaggg ccaattatat cacagggtat
1441 ataatctata ttgtttagtg ttattgtagt attgtattat gtattgttag ttaagcttat
1501 taaatcttgt taagtttgtt aagttttgtt aagttgtatt aagttttgtt aagtttcggt
1561 aagtctgtta aatgtagtta atcttgatag tattaagtca tatgtatggg gggtgtttag
1621 tgttaagtca ttgtttattg tttattgtta tctgtttaat gctaagtcta tatgatttat
1681 taatcaaaat aagatttata tacatagatt tattttatat acatagattt attttatcaa
1741 ctcattatca tctctcatca ttaatcaggg tttataaaat tttctcaggt ctatccctat
1801 attggaagat tgttctatta accgttcaaa ctggaactaa cactgtgact ctgtaaagtc
1861 cagattatat tcacatctgt atatatggat gtaaatttcg ttccgttaat agtacatgac
1921 actaatgctt gctttgctac taattgattt cttcattaca acaatctacc tcattgtccc
1981 tatccccttc cctattacct caacaaaact acctcattat aagtaaattc ttgattgctt
2041 ttcaaggagc atactacta
//
```