Sendai virus strain Z nucleoprotein (NP), phosphoprotein (P), matrix protein (M), fusion protein (F), hemagglutinin-neuraminidase (HN), and L protein (L) genes, complete cds

GenBank: M30202.1

FASTA Graphics

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LOCUS PAFZSTR 1707 bp ss-RNA linear VRL 20-AUG-1996
DEFINITION Sendai virus strain Z nucleoprotein (NP), phosphoprotein (P), matrix protein (M), fusion protein (F), hemagglutinin-neuraminidase (HN), and L protein (L) genes, complete cds.
ACCESSION M30202 REGION: 1844..3550
VERSION M30202.1
KEYWORDS fusion protein; L protein; hemagglutinin/neuraminidase; matrix protein; nucleoprotein; phosphoprotein.
SOURCE Respirovirus muris
ORGANISM Respirovirus muris
Viruses; Riboviria; Orthornavirae; Negarnaviricota; Haploviricotina; Monjiviricetes; Mononegavirales; Paramyxoviridae; Feraresvirinae; Respirovirus.
REFERENCE 1 (sites)
AUTHORS Shioda,T., Hidaka,Y., Kanda,T., Shibuta,H., Nomoto,A. and Iwasaki,K.
TITLE Sequence of 3,687 nucleotides from the 3' end of Sendai virus genome RNA and the predicted amino acid sequences of viral NP, P and C proteins
JOURNAL Nucleic Acids Res. 11 (21), 7317-7330 (1983)
PUBMED 6316257
REFERENCE 2 (sites)
AUTHORS Morgan,E.M., Re,G.G. and Kingsbury,D.W.
TITLE Complete sequence of the Sendai virus NP gene from a cloned insert
JOURNAL Virology 135 (1), 279-287 (1984)
PUBMED 6203217
REFERENCE 3 (sites)
AUTHORS Hidaka,Y., Kanda,T., Iwasaki,K., Nomoto,A., Shioda,T. and Shibuta,H.
TITLE Nucleotide sequence of a Sendai virus genome region covering the entire M gene and the 3' proximal 1013 nucleotides of the F gene
JOURNAL Nucleic Acids Res. 12 (21), 7965-7973 (1984)
PUBMED 6095182
REFERENCE 4 (sites)
AUTHORS Miura,N., Nakatani,Y., Ishiura,M., Uchida,T. and Okada,Y.
TITLE Molecular cloning of a full-length cDNA encoding the hemagglutinin-neuraminidase glycoprotein of Sendai virus

JOURNAL FEBS Lett. 188 (1), 112-116 (1985)
PUBMED 2991016
REFERENCE 5 (sites)
AUTHORS Shioda,T., Iwasaki,K. and Shibuta,H.
TITLE Determination of the complete nucleotide sequence of the Sendai virus genome RNA and the predicted amino acid sequences of the F, HN and L proteins
JOURNAL Nucleic Acids Res. 14 (4), 1545-1563 (1986)
PUBMED 3005975
REFERENCE 6 (bases 1 to 1707)
AUTHORS Tashiro,M., Pritzer,E., Khoshnan,M.A., Yamakawa,M., Kuroda,K., Klenk,H.D., Rott,R. and Seto,J.T.
TITLE Characterization of a pantropic variant of Sendai virus derived from a host range mutant
JOURNAL Virology 165 (2), 577-583 (1988)
PUBMED 2841801
REFERENCE 7 (bases 1 to 1707)
AUTHORS Middleton,Y., Tashiro,M., Thai,T., Oh,J., Seymour,J., Pritzer,E., Klenk,H.D., Rott,R. and Seto,J.T.
TITLE Nucleotide sequence analyses of the genes encoding the HN, M, NP, P, and L proteins of two host range mutants of Sendai virus
JOURNAL Virology 176 (2), 656-657 (1990)
PUBMED 2161155
REFERENCE 8 (sites)
AUTHORS Tashiro,M., Seto,J.T., Choosakul,S., Yamakawa,M., Klenk,H.D. and Rott,R.
TITLE Budding site of Sendai virus in polarized epithelial cells is one of the determinants for tropism and pathogenicity in mice
JOURNAL Virology 187 (2), 413-422 (1992)
PUBMED 1312267
REFERENCE 9 (bases 1 to 1707)
AUTHORS Seto,J.T.
TITLE Direct Submission
JOURNAL Submitted (08-JUL-1988) J.T. Seto, Department of Microbiology, California State University, Los Angeles, Los Angeles, CA 90032-8201, USA
COMMENT On Aug 19, 1996 this sequence version replaced gi:1196701.
Original source text: Sendai virus (strain Z) RNA.
FEATURES Location/Qualifiers
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variation 464

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/note="g in F1-R mutant"

/replace="g"

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