

Virus Report

01-02-2015 17:27:41

Secondary structure results

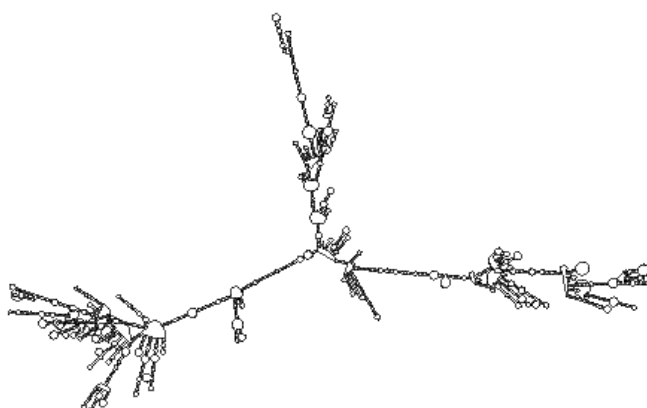
Virus name:
RNA_Influenca

Sequence:

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[illegible]

RNA-Structure:



Number of proteins:
4

Number of domains:
3

Aminoacidsequence:

IPPSSARSQSEGPISFCWWLQFRNSKPCSDYCLTHIVNLLLEDWGPCTEHGEHNIRIPRTPARV
TGGVFLVDKNPHNTTESRLVVDFSQFSRGSTHVSWPKFAVPNLQSLTNLLSSNLSWLSLDVS
AAFYHIPLHPAAMPHELLVGSSGLPRYVARLSSTSRNINYQHGTMQNLHDSCSRNLYVSLLLLY
KTFGRKLHLYSHPIILGFRKIPMGVGLSPFLLAQFTSAICSVVRRAPFHCLAFSYMDDVVLGAK
SVQHLESLSFTSITNLLSLGIHLNPNKTKRWGYSNFMGYVIGSWGTLPQEHIVQKLKQCFRKL
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NSVLSRKYTSFPWLLGCAANWILRGTSFVYVPSALNPADDPGRGLGLYRPLLHLPFRPTT
GRTSLYAVSPSPVSHLPDRVHFASPLHVAWRPP

Starting nucleotide position:

9

Ending nucleotide position:

1623



Domain 1

Starting aminoacid position:

295

Ending aminoacid position:

537

Domain description:

DNA polymerase (viral) C-terminal domain

Identifier:

DNA_pol_viral_C

Domain 2

Starting aminoacid position:

70

Ending aminoacid position:

294

Domain description:

Reverse transcriptase (RNA-dependent DNA polymerase)

Identifier:

RVT_1

Domain 3

Starting aminoacid position:

1

Ending aminoacid position:

46

Domain description:

DNA polymerase (viral) N-terminal domain

Identifier:

DNA_pol_viral_N

Protein 2

Number of domains:

1

Aminoacidsequence:

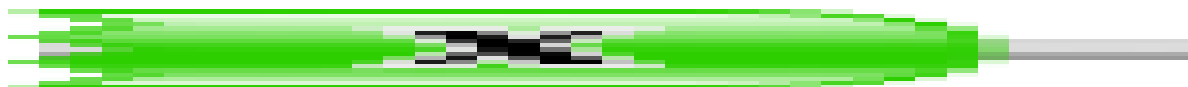
VNAHQVLPKVLHKRTLGLSAMSTTDLEAYFKDCLFKDWEELGEEIRLKVFVLGGCRHKLVCSP
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Starting nucleotide position:

1619

Ending nucleotide position:

1838



Domain 1

Starting aminoacid position:

1

Ending aminoacid position:

60

Domain description:

Trans-activation protein X

Identifier:

X

Protein 3

Number of domains:

1

Aminoacidsequence:

LMNLATWVGSNLEDPASRELVVSYVNVNMGLKIRQLLWFHISCLTFGRETVLEYLVSFQGVWIR
TPPAYRPPNAPILSTLPETTVVRRRGRSPRRRTPSPRRRRSQSPRRRRSQSRESQC

Starting nucleotide position:

2092

Ending nucleotide position:

2452



Domain 1

Starting aminoacid position:

1

Ending aminoacid position:

119

Domain description:

Hepatitis core antigen

Identifier:

Hepatitis_core

Protein 4

Number of domains:

0

Aminoacidsequence:

ILWVTIFLGTRATAWEVGLPNLDKAWGRIFLPILWDSFPITSWTLRSEPTQTIQIGTSTPTRITG
QRQIR

Starting nucleotide position:

2806

Ending nucleotide position:

3022

