

Virus Report

27-01-2015 18:36:38

Secondary structure results

Virus name:

Banana Virus

Sequence:

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15

Ending aminoacid position:
145

Domain description:
Protein of unknown function (DUF1319)

Identifier:
DUF1319

Protein 2

Number of domains:
0

Aminoacidsequence:
MSLAGSKATAIYQEALQSTAAGWEDTGIGFTDKGVISTTTLSRQLNSLLFLVIKQNNQQITTISEE
LTQLHNRVKNLEGRTGVSASPLYKSEIESINAKLKSIQDIQGSHPKETPSGVIKVFEDPYSILR
RL

Starting nucleotide position:
1282

Ending nucleotide position:
1681

Protein 3

Number of domains:
4

Aminoacidsequence:
MASRPRVSGSTTRTMIAEPGVPLVDDQIREYRSAARVAYEAQRIARRTGNI LGRIVGRQPREH
TLAMVVDPNSELESLAHRARTIPAEVLYMTQRGEPTNRVYRNRTTEERMLVTHGQQDRTFIL
PESYEELREAGFEYIHLGVLQVRIQIMHRTYDGTMALVVFRDTRWTQENHQDRSIIATMEADL
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PDL DIPPAEATMVLETDGCMEGWGGVCKWK LHPSDTRLAEKVCA YASGRYHPIKSTIDAEVH
AVINSLEKFKIYYLDKKELIIRTD SQAIVAFYKKQADHKPSRTRWLMLIDYITGLGINVKFEHIDGK

ENVLADTL SRLVQVLITKVHHPAETQLVEAVMEVISNPKEALDKVNHFIFLTQQWIAERKEEH
TVNTLLQLEEPQLHCGCRNYETGERRNAILLSHTSANPNRWFKCAENKCHIWIWKDILDQ
YAEDYATYTRIGLEALNLEDWFEEPEPDPPNPVDRQRIEDILLNVSND

Starting nucleotide position:
1681

Ending nucleotide position:
7378



Domain 1

Starting aminoacid position:
1349

Ending aminoacid position:
1509

Domain description:
Reverse transcriptase (RNA-dependent DNA polymerase)

Identifier:
RVT_1

Domain 2

Starting aminoacid position:
125

Ending aminoacid position:
246

Domain description:
Viral movement protein (MP)

Identifier:
MP

Domain 3

Starting aminoacid position:
1090

Ending aminoacid position:
1201

Domain description:
Retroviral aspartyl protease

Identifier:
RVP

Domain 4

Starting aminoacid position:
763

Ending aminoacid position:
780

Domain description:
Zinc knuckle

Identifier:
zf-CCHC