

# Virus Report

27-01-2015 10:59:07

## Secondary structure results

Virus name:  
aowiuhf

Sequence:

```
TGGTATCAGAGCAAGGTTTTCTGTAAGTAATTTATGGCTTTCATGGGGTAAAACCCTTAGA
TAGGAGCCTGAGGGCTCTGCTATGTTCTATTTTGAGAAAATAACTGTGTAAGTAGTAATGC
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CTGAGTGAGACCCTTGTGTTTCCAAGTTCTACTGAGAAATCATGAGTAAATGGACGTTGA
CACACTGACTTAAGGAAAAGAAAGATGTGCCTAGGATGAAGTCGAGCACTGTTCTAGGCT
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AAGAACCGBAACCTTACCTAGCAAAGTAAGACCCAAGGGAGGGCAGTAGCTGGAGAACC
CCGGTGTGAGTTTCTTTACCTAGCAGAAGATATACTCTAGTATCCTCAAAACACCGTGAAG
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CAAAAACCTCTCATTCCAAATCTGTTTCAGATCTTTCTTATTTAGACTTAGCATCTGCTGATA
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ACCCTTGCGATGGTCGTGGACCCCAACAGTGAGCTGGAACGCTCACTGGCTCACCGGGC
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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:  
MSLAGSKATAIYQEALQSTAAGWEDTGIGFTDKGVISTTTLSRQLNSLLFLVIKQNQQITTISEE  
LTQLHNRVKNLEGRTGVSASPLYKSEIESINAKLKSIQDIQGSHPKETPSGVIKVFEDPYSILR  
RL

Starting nucleotide position:  
1282

Ending nucleotide position:  
1681

## Protein 3

Number of domains:  
4

Aminoacidsequence:  
MASRPRVSGSTTRTMIAEPGVPLVDDQIREYRSAARVAYEAQRIARRTGNILGRIVGRQPREH  
TLAMVVDPNSELESLAHRARTIPAENVLYMTQRGEPTNRVYRNRTTEERMLVTHGQQDRTFIL  
PESYEELREAGFEYIHLGVLRVRIQIMHRTYDGTMALVFRDTRWTQENHQDRSIIATMEADL  
SQGHQLIYVIPDIMMTIRDFYQHIQISILTKGYEGFQGEANLLITRSCRCRLSNVPNVGFQYNIQ  
NVVEFLKSRGVKALNATKLSTRRFQGGGEWNIRPSEVVVPMQPTTMIVRVNYDSSRSIRFGDY  
EASTSSSAPRYEQDGEDEALGDIHQVNMITIIEDDAEDDYPRLSALERIIAPESMVGEEDTIAE  
FLSNLSLDSSTDEEFYDADNSLFEEEEYDGDSEVSTPRSKYNIFALEDEYPKLQQLESVLSTT  
ESAISRFRPADTDMTGVGPGYAPATGTAGYTGASSSDFPYPRRPRKWDNNSEWFNLPTANA  
RQASIFVMPQDFDTKVFERWESSVLLHMSDKVFDDPQDKLTYVENLLGESEKKMFITWRMM  
FTAEEYEMKNNALGSNGTQNILNQIRMIFFLENPQVGTTNTQDAAYKTLKQLVCTEMSGPAIY  
RYLNDYFHAAKSGRAWASDELSKEFFTKLPRGLGDRVEKKFKEKYPNNTIGVAPRITFTRNY  
IKEICQEAQVFSQSLKRLDFCKGTPVHGLYGKEKAYGRKYGVRKSTSYKGGKPHKSHVRIDKKK  
HLLMKRKDCKCFACGDIGHFASECPNPKLMHRVQILQSLELDDGIDVISVGFDESVDIYSV  
SEGEDSYQFNNEFDVIGHDVFMFTIEEQRNCLVETTSAWRSAMKVTPPEKNCLHTWSFEEL  
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NILRIEAE TELKALKESFKEKEEALKEEITALEEEVRIHKEEAEELQEENQKLKEKIIAFEKDVTQ  
GPREEVIELVNNVEEHLVLTGQQKNNLLNIKITLEVKEKRITMNAILDGTGAICVCDGQMVNEYFR  
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LKSGFHQVAMDPEIPWTAFAWIDGLYEWLVMPFGLKNAPAFQQRKMDNCFRGTEEFIAVYID  
DILIFSDNISDRKHLKFLICKANGLVLSPTKMKIGAKEIDFLGATIGNSKIKLQPHIICKIIETKD  
EELKETKGLRKLWLVNLYARAYIPNLGKTLGPLYSKTSINGEKKMNSQDWKVVLQIKNQVQNL  
PDLIPPAEATMVLETDGCMEGWGGVCKWKLHPSDTRLAEKVCAYASGRYHPIKSTIDA EVH  
AVINSLEKFKIYYLDKKELIIRTDQAIVAFYKKQADHKPSRTRWLMLIDYITGLGINVKFEHIDGK

ENVLADTL SRLVQVLITKVHHPAETQLVEAVMEVISNPKKEALDKVNHFIFLTQQWIAERKEEH  
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