

01-02-2015 20:54:07

## Secondary structure results

Virus name:  
RNA\_Influenza3

Sequence:  
AGCAAAAGCAGGCCAAACCATTTGAATGGATGTCAATCCGACTCTACTGTTCTAAAGGTT  
CCAGCGCAAAATGCCATAAGCACCACATTCCCTTATACTGGAGATCCTCCATACAGCCAT  
GGAACAGGAACAGGATACACCATGGACACAGTCAACAGAACACACCAATATTGAGAGAAG  
GGGAAGTGGACGACAAATACAGAACTGGGGCACCCCAACTCAACCCAATTGATGGACC  
ACTACCTGAGGATAATGAGCCAAGTGGATATGCACAAACAGACTGTGTCTGAGGGCTAT  
GGCCTTCCTTGAAGAATCCCACCCAGGTATCTTTGAGAACTCATGCCTTGAAACAATGGA  
AGTCGTTCAACAAACAAGGGTGGACAACTAACCCAAGGCCGCCAGACTTATGATTGGAC  
ATTAACAGAAATCAACCGGCAGCAACTGCATTAGCCAACACCATAGAAGTTTTTAGATCG  
AATGGACTAACAGCCAATGAATCAGGAAGGCTAATAGATTTCTCAAGGATGTGATGGAA  
TCAATGGATAAAGAGGAAATGGAGATAACAACACACTTTCAAAGAAAAAGGAGAGTAAGA  
GACAACATGACCAAGAAAATGGTCACACAAAGAACAATAGGGAAGAAAAAACAAAGAGTG  
AATAAGAGAGGGCTATCTAATAAGAGCTTTGACATTGAACACGATGACCAAAGATGCAGAG  
AGAGGTAAATTAAAAAGAAGGGCTATTGCAACACCCGGGATGCAAATTAGAGGGTTCGTG  
TACTTCGTTGAACTTTAGCTAGAAGCATTTCGAAAAAGCTTGAACAGTCTGGACTTCCGG  
TTGGGGGTAAATGAAAAGAAGGCCAACTGGCAAATGTTGTGAGAAAAATGATGACTAATT  
CACAAGACACTGAGCTTTCTTTCACAATCACTGGGGACAACACTAAGTGAATGAAAATC  
AAAACCCTCGAATGTTTTTGGCGATGATTACATATATCACAAAAATCAACCTGAGTGGTT  
CAGAAACATCCTGAGCATCGCACCAATAATGTTCTCAAACAAAATGGCAAGACTAGGAAA  
AGGATACATGTTGAGAGTAAGAGAATGAAGCTCCGAACACAAATACCCGCAGAAATGCT  
AGCAAGCATTGACCTGAAGTATTTCAATGAATCAACAAGGAAGAAAATTGAGAAAAATAAGG  
CCTCTTCTAATAGATGGCACAGCATCATTGAGCCCTGGGATGATGATGGGCATGTTCAAC  
ATGCTAAGTACGGTTTTAGGAGTCTCGGTACTGAATCTTGGGCAAAAAGAAATACACCAAG  
ACAACATACTGGTGGGATGGGCTCCAATCCTCCGACGATTTTCCCCTCATAGTGAATGCA  
CCAAATCATGAGGGAATACAAGCAGGAGTGGATAGATTCTACAGGACCTGCAAGTTAGTG  
GGAATCAACATGAGCAAAAAGAAGTCCTATATAAATAAAACAGGGACATTTGAATTCACAA  
GCTTTTTTTATCGATATGGATTTGTGGCTAATTTTAGCATGGAGCTTCCCAGTTTTGGAGT  
GTCTGGAATAAACGAGTCAGCTGATATGAGTATTGGAGTAACAGTGATAAAGAACAACAT  
GATAAACAATGACCTTGGGCCAGCAACAGCCCAGATGGCTCTCCAATTGTTTCATCAAAGA  
CTACAGATATACATATAGGTGCCATAGAGGAGACACACAAATTCAGACGAGAAGATCATT  
CGAGCTAAAGAAGCTGTGGGATCAAACCCAATCAAGGGCAGGACTATTGGTATCAGATG  
GGGGACCAAACCTTATACAATATCCGGAACCTTCACATCCCTGAAGTCTGCTTAAAGTGGG  
AGCTAATGGATGAGAATTATCGGGGAAGACTTTGTAACCCCCCTGAATCCCTTTGTCAGCC  
ATAAAGAAATTGAGTCTGTAAACAATGCTGTAGTGATGCCAGCCCACGGTCCAGCCAAAA  
GTATGGAATATGATGCCGTTGCAACTACACACTCCTGGAATCCCAAGAGGAACCGCTCTA  
TTCTAAACACTAGCCAAAGGGGAATTCTTGAGGATGAACAGATGTACCAAAGTGCTGCA  
ACTTGTTTCGAGAAATTTTTCCCTAGTAGTTCATATAGGAGACCGATTGGAATTTCTAGCAT  
GGTGGAGGCCATGGTGTCTAGGGCCCCGGATTGATGCCAGAATTGACTTCGAGTCTGGAC  
GGATTAAGAAGGAAGAGTTCTCTGAGATCATGAAGATCTGTTCCACCATTGAAGAACTCA  
GACGGCAAAAATAATGAATTTAGCTTGTCTTCATGAAAAAATGCCTTGTTTCTACT

[illegible]

Energy:  
-584.2

Number of proteins:  
2

Number of domains:  
0

Starting nucleotide position:  
20

Ending nucleotide position:  
233

Number of domains:  
1

Aminoacidsequence:

VMESMDKEEMEITTHFQRKRRVRDNMTKKMVTQRTIGKKKQRVNKRGYLIRALTNTMTKDA  
ERGKLRRAIATPGMQIRGFVYFVETLARSICEKLEQSGLPVGGNEKKAKLANVVRKMMTNS  
QDTELSFTITGDNTKWNENQNPRMFLAMITYITKNQPEWFRNILSIAPIMFSNKMARLGKGYM  
FESKRMKLRTQIPAEMLASIDLKYFNESTRKKIEKIRPLLIDGTASLSPGMMMGMFNMLSTVLG  
VSVNLNGQKKYTKTTYWWDGLQSSDDFALIVNAPNHEGIQAGVDRFYRTCKLVGINMSKKKS  
YINKTGTFEFTSFFYRYGFVANFSMELPSFGVSGINESADMSIGVTVIKNNMINNDLGPATAQM  
ALQLFIKDYRYTYRCHRGDTQIQTRRSFELKKLWDQTQSRAGLLVSDGGPNLYNIRNLHIPEV  
CLKWELMDENYRGRLCNPLNPFVSHKEIESVNNAVVMMPAHGPAKSMEYDAVATTHSWNPKR  
NRSILNTSQRGILEDEQMYQKCCNLFEKFFPSSSYRRPIGISSMVEAMVSRARIDARIDFESGR  
IKKEEFSEIMKICSTIEELRRQK

Starting nucleotide position:  
531

Ending nucleotide position:  
2298



### Domain 1

Starting aminoacid position:  
1

Ending aminoacid position:  
573

Domain description:  
Influenza RNA-dependent RNA polymerase subunit PB1

Identifier:  
Flu\_PB1