### Virus Report

(Comparisons)

25-01-2015 14:55:49

### Sequnences:

HI-V

TGGTATCAGAGCAAGGTTTTCTGTAAGTAATTTATGGCTTTCATGGGGTAAAACCCTTAGATAGGAGCCTGAGGGCTCTGCTATGTTCTATTTTGAGAAAATAAC TCTACTGAGAAATCATGAGTAAATGGACGTTGACACACTGACTTAAGGAAAAGAAGATGTGCCTAGGATGAAGTCGAGCACTGTTCTAGGCTGAAGGGTGAA AGAACCCCGGTGTGAGTTTCTTTACCTAGCAGAAGATATACTCTAGTATCCTCAAAACACCGTGAAGTATTTACAACCCTTTATGAACAAGTATTTTCTGGAGTT AGAGCTTAGTAAGAAGTAAGTGCATAAACTACCTCTGGAACTGGTTATAATCTTGAAATGAGCATATGTATCCCAAAGGTTACTCCTATCTGTCCGTGACCATAA GCATCTGCTGATAAGGTCTCTAATAAAGACCTTGCATTTAATTTACATATAAACACTTATCGTAGTGATCTTGGTTTTAAAGTCGCAATTCACTCTTTATCAAAAAA TCGTGAGCTGCTAATACAGAACAGGAAGCTTTTGGAAGAACAAAAGCAGCAGCTGTCTGAAATTAACAACCTATCTAAGGTTGTGCGTCTCCAACGAGCTGATT TAAAGGAGACCTTGAGAAGGACGGCCCTTGCGAAGGAGCTTCAGGCTCTTCGTAAAGACTATCTGGAAAGGCCCCCTCTTAGCAAGGACGACGTGGAAG AATTGGTTGTCCGCATCTCTGAACAACCAAAAATTTATTGAAAAAACAGACGGAAGCTCTTACTGAGGAGCTTACAAAGGAGGTTCAGGCACTGAAGCTAATCA TCCATAACTTCGAACAGAAGTTACTGGGATGAGCCTGGCCGGAAGCAAGGCCACAGCAATCTATCAAGAAGCCTTGCAATCTACTGCTGCTGGTTGGGAAGA CATCAACGCCAAGCTCAAAAGTATTCAAGATATACAAGGGAGTCACCCTCCAAAAGAGACCCCCTCCGGAGTTATCAAAGTTTTTTGAGGATCCCTACAGCATCC TCCGCAGACTATAAATGGCGTCAAGACCTAGAGTTTCTGGGAGCACTACCAGAACCATGATAGCAGAACCAGGGGTTCCCCTGGTGGATGATCAGATCCGGG AATACCGGAGTGCGGCCCGAGTCGCATACGAAGCACAAAGGATTGCCAGACGCACTGGCAATATTCTTGGAAGAATTGTTGGACGACAACCAAGGGAGCATA CCCTTGCGATGGTCGTGGACCCCAACAGTGAGCTGGAACGCTCACTGGCTCACCGGGCACGAACAATACCTGCTGAAGTCCTTTACATGACCCAGCGGGGTG AGCCTACAAATCGGGTCTATCGGAACAGAACTGAAGAAGGGTCCTAGTGACTCATGGTCAGCAAGATAGGACTTTCATCTTGCCAGAGTCATATGAAGAGCT CAGGGAGGCTGGATTTGAGTACATCCATCTAGGGGTACTCCAGGTGCGCATCCAAATTATGCACCGAACATATGATGGTACAATGGCATTAGTGGTCTTCCGT GACACCAGATGGACACAGGAGAACCACCAAGACAGATCCATTATAGCAACCATGGAGGCTGATCTCTCCCAAGGGCATCAGCTAATTTACGTCATCCCAGGATA TAATGATGACTATTCGGGATTTCTACCAGCACATTCAGATAAGCATCCTTACCAAAGGATATGAAGGCTTTCAAGGAGAAGCAAATCTCCTTATTACAAGAAGCT GCCGGTGCAGATTAAGCAACGTTCCTAACGTTGGCTTCCAATACAACATCCAGAACGTCGTGGAATTCTTAAAATCTAGGGGAGTAAAAGCCCTAAATGCGAC GAAATTAAGCACCAGGAGGTTCCAAGGAGGAGAATGGAACATCCGACCATCAGAAGTGGTGGTCCCTATGCAGCCAACAACTATGATAGTACGAGTTAATTAT GACTCGTCACGAAGCATCAGATTCGGGGGATTATGAAGCTAGCACATCATCATCAGCCCCGAGATATGAGCAAGACGGTGATGAAGATGAAGCACTTGGTGATA TCCATCAAGTAAATATGATCACCATCATAGAAGATGATGCAGAAGATGACTACCCACGGTTATCAGCTTTAGAGCGAATAATCGCTCCAGAAAGCATGGTGGGA GAGGAGGACACAATTGCTGAATTTTTAAGCAATCTGTCCTTAGATTCCTCCACTGATGAGGAATTCTACGACGCCGACAACTCATTATTCGAAGAAGAAGAATA TGATGGGGATTCCGAAGTTAGCACCCCAAGGAGCAAATACAATATATTTGCGCTAGAAGATGAGTACCCAAAACTTCAACAGCTGGAAAGCCTGGTACTCTCC ACAACAGAGTCTGCTATCAGTCGCTTTAGACCAGCAGACACAGATATGACTGGCGTAGGCCCTGGCTACGCACCAGCAACTGGAACAGCTGGCTATACTGGA GCCAGTTCATCTGATTTCCCTTACCCTAGAAGACCAAGAAGACGGGACAACAACTCGGAGTGGTTCAACCTACCCACCGCTAACGCGAGGCAAGCATCAATAT TCGTTATGCCTCAGGATTTTGACACAAAGGTCTTTGAA

#### Test:

TGGTATCAGAGCAAGGTTTTCTGTAAGTAATTTATGGCTTTCATGGGGTAAAACCCTTAGATAGGAGCCTGAGGGCTCTGCTATGTTCTATTTTGAGAAAATAAC TCTACTGAGAAATCATGAGTAAATGGACGTTGACACACTGACTTAAGGAAAAGAAGATGTGCCTAGGATGAAGTCGAGCACTGTTCTAGGCTGAAGGGTGAA AGAACCCCGGTGTGAGTTTCTTTACCTAGCAGAAGATATACTCTAGTATCCTCAAAACACCCGTGAAGTATTTACAACCCTTTATGAACAAGTATTTTCTGGAGTT AGATGTCAGCCACCAAAGATCATGATCTATCACAAACCAAACCTTGAGTCATACAGAGAAGAACTCAGGTGTAACTGAATGACTAATGATCAGGGACCTCTATTAA AGAGCTTAGTAAGAAGTAAGTGCATAAACTACCTCTGGAACTGGTTATAATCTTGAAATGAGCATATGTATCCCAAAGGTTACTCCTATCTGTCCGTGACCATAA GCATCTGCTGATAAGGTCTCTAATAAAGACCTTGCATTTAATTTACATATAAACACTTATCGTAGTGATCTTGGTTTTAAAGTCGCAATTCACTCTTTATCAAAAAA TCGTGAGCTGCTAATACAGAACAGGAAGCTTTTGGAAGAACAAAGCAGCAGCTGTCTGAAATTAACAACCTATCTAAGGTTGTGCGTCTCCAACGAGCTGATT TAAAGGAGACCTTGAGAAGGACGTCCTTGCGAAGGAGCTCTCAGGCTCTTCGTAAAGACTATCTGGAAAGGCCCCCTCTTAGCAAGGACGACGTGGAAG AATTGGTTGTCCGCATCTCTGAACAACCAAAAATTTATTGAAAAAACAGACGGAAGCTCTTACTGAGGAGGCTTACAAAGGAGGTTCAGGCCACTGAAGCTAATCA TCCATAACTTCGAACAGAAGTTACTGGGATGAGCCTGGCCGGAAGCAAGGCCACAGCAATCTATCAAGAAGCCTTGCAATCTACTGCTGCTGGTTGGGAAGA CATCAACGCCAAGCTCAAAAGTATTCAAGATATACAAGGGAGTCACCCTCCAAAAGGAGACCCCTCCGGAGTTATCAAAGTTTTTGAGGATCCCTACAGCATCC TCCGCAGACTATAAATGGCGTCAAGACCTAGAGTTTCTGGGAGCACTACCAGAACCATGATAGCAGAACCAGGGGTTCCCCTGGTGGATGATCAGATCCGGG AATACCGGAGTGCGGCCCGAGTCGCATACGAAGCACAAAGGATTGCCAGACGCACTGGCAATATTCTTGGAAGAATTGTTGGACGACAACCAAGGGAGCATA CCCTTGCGATGGTCGTGGACCCCAACAGTGAGCTGGACGCTCACTGGCTCACCGGGCACGAACAATACCTGCTGAAGTCCTTTACATGACCCAGCGGGGTG AGCCTACAAATCGGGTCTATCGGAACAGAACTGAAGAAAGGATGCTAGTGACTCATGGTCAGCAAGATAGGACTTTCATCTTGCCAGAGTCATATGAAGAGCT CAGGGAGGCTGGATTTGAGTACATCCATCTAGGGGTACTCCAGGTGCGCATCCAAATTATGCACCGAACATATGATGGTACAATGGCATTAGTGGTCTTCCGT GACACCAGATGGACACAGGAGAACCACCAAGACAGATCCATTATAGCAACCATGGAGGCTGATCTCTCCCAAGGGCATCAGCTAATTTACGTCATCCCAGGATA

TAATGATGACTATTCGGGATTTCTACCAGCACATTCAGATAAGCATCCTTACCAAAGGATATGAAGGCTTTCAAGGAGAAGCAAATCTCCTTATTACAAGAAGCT
GCCGGTGCAGATTAAGCAACGTTCCTAACGTTGGCTTCCAATACAACATCCAGAACGTCGTGGAATTCTTAAAATCTAGGGAGATAAAAGCCCTAAATGCGAC
GAAATTAAGCACCAGGAGGTTCCAAGGAGGAGAATGGAACATCCGACCATCAGAAGTGGTGGTCCCTATGCAGCCAACAACTATGATAGTACGAGTTAATTAT
GACTCGTCACGAAGCATCAGATTCGGGGATTATGAAGCTAGCACCATCATCATCATCAGCCCCGAGATATGAGCAAGACGGTGATGAAGATGAAGCACTTGGTGATA
TCCATCAAGTAAATATGATCACCATCATAGAAGATGATGCAGAAAGATGACTACCCACCGGTTATCAGCTTTAGAGCGAATAATCGCTCCAGAAAGCATGGTGGGA
GAGGAGGACACAATTGCTGAATTTTTAAGCAATCTGTCCTTAGATTCCTCCACTGATGAGGAATTCTACGACGCCGACAACTCATTATTCGAAGAAGAAGAATA
TGATGGGGATTCCGAAGTTAGCACCCCAAGGAGCAAAATACAATATATTTGCGCTAGAAGATGAGTACCCCAAAACTTCAACAGCTGGAAAGCCTGGTACTCTCC
ACAACAGAGTCTGCTATCAGTCGCTTTAGACCAGCAGAAACTTGACTGGCGTAGGCCCTGGCTACCGCACCAGCAACCTGGAACACGCGGCAAGCATCATAT
TCGTTATGCCTCAGGGATTTTGACACAAAGGTCTTTGAA
TCGTTATGCCTCAGGGATTTTGACACAAAGGTCTTTTGAA

#### Secondary Structure:

HI-V:

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#### Test

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# Energies of secondary structure: HI-V: 0

Test: -2272.4

GC content: HI-V: 44.0923076923 Test: 44.0923076923

# Number of Proteins: HI-V: 1

Test: 3

Percentual similarity of domains: 0%