## Host-virus Interaction Protein Binding Sites:

wNsp3\_domain5-UBC-4MM3

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KPHNSHEGKTFYVLPNDDTLRVEAFEYYHTTDPSFLGRYMSALNHTKKWKYPQVNGLTSI 1667
OHN73794
SPIPOC6X7|R1AB CVHSA
                              KPHVNHEGKTEFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPOVGGLTSI 1644
TR|Q6UZF5|Q6UZF5 CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
TR|Q6UZF1|Q6UZF1_CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
TR|Q6JH48|Q6JH48_CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPOVGGLTSI 1644
TR|Q692E6|Q692E6 CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
TR|AOAOK1YZY7|AOAOK1YZY7 CVHSA KPHVNHEGKTFYVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
SP|P0C6W2|R1AB BCHK3
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTIDESFLGRYMSALNHTKKWKFPQVGGLTSI 1638
SP|P0C6W6|R1AB_BCRP3
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1642
SP|P0C6V9|R1AB BC279
                              KPHAKHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQIGGLTSI 1650
TR|A0A0U1WHI4|A0A0U1WHI4 CVHSA KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALSHTKKWKFPOVGGLTSI 1639
TR|A0A0U1WHG0|A0A0U1WHGO_CVHSA KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1639
TR|A0A166ZL34|A0A166ZL34<sup>9</sup>9NIDO KPHVNHEGKTFFVLPSDDTLRSEAFGYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1639
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALSHTKKWKFPQVGGLTSI 1636
TR|R9QTB2|R9QTB2 CVHSA
TR|R9QTH2|R9QTH2 CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1645
SP|P0C6U8|R1A CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
TR|Q6JH47|Q6JH47 CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
TR|Q692E5|Q692E5 CVHSA
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
SP|P0C6F8|R1A BCHK3
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTIDESFLGRYMSALNHTKKWKFPQVGGLTSI 1638
TR|A0A0K1Z0N1|A0A0K1Z0N1 CVHSA KPHVNHEGKTFYVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1644
                              KPHAKHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQIGGLTSI 1650
SP|P0C6F5|R1A BC279
SP|P0C6T7|R1A BCRP3
                              KPHVNHEGKTFFVLPSDDTLRSEAFEYYHTLDESFLGRYMSALNHTKKWKFPQVGGLTSI 1642
                              *** .*****:***.**** *** **** * *******.****.***
OHN73794
                              KWADNNCYLATALLTLOOIELKFNPPALODAYYRARAGEAANFCALILAYCNKTVGELGD 1727
SP|P0C6X7|R1AB CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
TR|Q6UZF5|Q6UZF5 CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
                              {\tt KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD~1704}
TR|Q6UZF1|Q6UZF1_CVHSA
TR|Q6JH48|Q6JH48_CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
TR|Q692E6|Q692E6 CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
TR|A0A0K1YZY7|A0A0K1YZY7 CVHSA KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
SP|P0C6W2|R1AB BCHK3
                              KWADNNCYLSSVLLALQQVEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1698
SP|P0C6W6|R1AB BCRP3
                              KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1702
SP|P0C6V9|R1AB_BC279
                              KWADNNCYLSSVLLALOOIEVKFNAPALOEAYYRARAGDAANFCALILAYSNRTVGELGD 1710
TR|A0A0U1WHI4|A0A0U1WHI4 CVHSA KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1699
TR|A0A0U1WHG0|A0A0U1WHG0 CVHSA KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGEAANFCALILAYSNKTVGELGD 1699
TR|A0A166ZL34|A0A166ZL34|9NIDO KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALTLAYSNKTVGDLGD 1699
TR|R9QTB2|R9QTB2 CVHSA
                              KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSYKTVGELGD 1696
TR|R9QTH2|R9QTH2 CVHSA
                              KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1705
SP|P0C6U8|R1A CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
TR|Q6JH47|Q6JH47 CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
TR|Q692E5|Q692E5 CVHSA
                              KWADNNCYLSSVLLALQQLEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
SP|P0C6F8|R1A BCHK3
                              KWADNNCYLSSVLLALQQVEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1698
TR|A0A0K1Z0N1|A0A0K1Z0N1 CVHSA KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1704
SP|P0C6F5|R1A BC279
                              KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNRTVGELGD 1710
                              KWADNNCYLSSVLLALQQIEVKFNAPALQEAYYRARAGDAANFCALILAYSNKTVGELGD 1702
SP|P0C6T7|R1A BCRP3
                              VRETMSYLFQHANLDSCKRVLNVVCKTCGQQQTTLKGVEAVMYMGTLSYEQFKKGVQIPC 1787
OHN73794
SP|P0C6X7|R1AB CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q6UZF5|Q6UZF5 CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q6UZF1|Q6UZF1 CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q6JH48|Q6JH48_CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q692E6|Q692E6 CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|A0A0K1YZY7|A0A0K1YZY7 CVHSA VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
SP|P0C6W2|R1AB BCHK3
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLKGVEAVMYMGTLSYDELKTGVSIPC 1758
SP|P0C6W6|R1AB BCRP3
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKMGVSIPC 1762
SP|P0C6V9|R1AB BC279
                              VRETMTHLLQHANLESAKRVLNVVCKTCGQKSTTLTGVEAVMYMGTLSYEELKTGVTIPC 1770
TR|A0A0U1WHI4|A0A0U1WHI4 CVHSA VRETMTHLLQHANLEFAKRVLNLVCKHCGQKTTTLTGVEAVMYMGTLSYDELKTGVSIPC 1759
TR|A0A0U1WHG0|A0A0U1WHGO_CVHSA_VRETMTHLLQHANLEFAKRVLNLVCKHCGQKTTTLTGVEAVMYMGTLSYDELKTGVSIPC 1759
TR|A0A166ZL34|A0A166ZL34|9NIDO VRETMTHLLQHANLEFAKRVLNLVCKHCGQKTTTLTGVEAVMYMGTLSYDELKTGVSIPC 1759
TR|R90TB2|R90TB2 CVHSA
                              VRETMTHLLOHANLESAKRVLNVVCKHCGOKTTTLTGVEAVMYMGTLSYDELKTGVSIPC 1756
TR|R9QTH2|R9QTH2 CVHSA
                              VRETMAHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSVPC 1765
SP|P0C6U8|R1A CVHSA
                              VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q6JH47|Q6JH47 CVHSA
                              VRETMTHLLOHANLESAKRVLNVVCKHCGOKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
TR|Q692E5|Q692E5 CVHSA
                             VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
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VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLKGVEAVMYMGTLSYDELKTGVSIPC 1758
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TR|A0A0K1Z0N1|A0A0K1Z0N1 CVHSA VRETMTHLLQHANLESAKRVLNVVCKHCGQKTTTLTGVEAVMYMGTLSYDNLKTGVSIPC 1764
SP|P0C6F5|R1A BC279
                              VRETMTHLLQHANLESAKRVLNVVCKTCGQKSTTLTGVEAVMYMGTLSYEELKTGVTIPC 1770
SP|P0C6T7|R1A BCRP3
                              VRETMTHLLOHANLESAKRVLNVVCKHCGOKTTTLTGVEAVMYMGTLSYDNLKMGVSIPC 1762
                              QHN73794
                              TCGKQATKYLVQQESPFVMMSAPPAQYELKHGTFTCASEYTGNYQCGHYKHITSKETLYC 1847
SP|P0C6X7|R1AB CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
TR|Q6UZF5|Q6UZF5_CVHSA
TR|Q6UZF1|Q6UZF1 CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
TR|Q6JH48|Q6JH48 CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
TR|Q692E6|Q692E6 CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
TR|A0A0K1YZY7|A0A0K1YZY7 CVHSA VCGRDATQYLIQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHVTAKETLYR 1824
SP|P0C6W2|R1AB BCHK3
                              VCGRNATQYLVQQESSFVMMSAPPAEYKLQQGAFLCANEYTGNYQCGHYTHITAKETLYR 1818
SP|P0C6W6|R1AB BCRP3
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1822
                              ICGRDATQYLVQQESSFVMMSAPPSEYTLQQGAFLCANEYTGSYQCGHYTHVTVKETLYR 1830
SP|P0C6V9|R1AB BC279
TR|A0A0U1WHI4|A0A0U1WHI4 CVHSA VCGRGATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1819
TR|A0A0U1WHG0|A0A0U1WHG0 CVHSA VCGRDATQYLVQQESSFVMMSAPPAEYKLQQSTFLCANEYTGNYQCGHYTHITAKETLYR 1819
TR|A0A166ZL34|A0A166ZL34 9NIDO VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYH 1819
TR|R9QTB2|R9QTB2 CVHSA
                              VCGRNATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1816
TR|R9QTH2|R9QTH2 CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1825
SP|P0C6U8|R1A CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
                              {\tt VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR~1824}
TR|Q6JH47|Q6JH47_CVHSA
TR|Q692E5|Q692E5 CVHSA
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1824
SPIPOC6F8|R1A BCHK3
                              VCGRNATQYLVQQESSFVMMSAPPAEYKLQQGAFLCANEYTGNYQCGHYTHITAKETLYR 1818
TR|A0A0K1Z0N1|A0A0K1Z0N1 CVHSA VCGRDATQYLIQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHVTAKETLYR 1824
SP|P0C6F5|R1A BC279
                              ICGRDATQYLVQQESSFVMMSAPPSEYTLQQGAFLCANEYTGSYQCGHYTHVTVKETLYR 1830
SP|P0C6T7|R1A BCRP3
                              VCGRDATQYLVQQESSFVMMSAPPAEYKLQQGTFLCANEYTGNYQCGHYTHITAKETLYR 1822
                              OHN73794
                              IDGALLTKSSEYKGPITDVFYKENSYTTTIKPVTYKLDGVVCTEIDPKLDNYYKKDNSYF 1907
SP|P0C6X7|R1AB CVHSA
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|Q6UZF5|Q6UZF5 CVHSA
                            IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|Q6UZF1|Q6UZF1_CVHSA
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|Q6JH48|Q6JH48 CVHSA
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|0692E6|0692E6 CVHSA
                             IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|A0A0K1YZY7|A0A0K1YZY7 CVHSA IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
SP|P0C6W2|R1AB BCHK3
                              VDGAHLTKMSEYKGPVTDVFYKETSYTTAIKPVSYKLDGVTYTEIEPKLDGYYKKGNAYY 1878
SP|P0C6W6|R1AB BCRP3
                              TDGAHLTKMSEYKGPVTDVFYKETSYTTTTKPVSYKLDGVTYTETEPKLDGYYKKDNAYY 1882
SP|P0C6V9|R1AB BC279
                             IDGAYLTKMSEYKGPVTDVFYKEISYTTTIKPVSYKLDGVIYTEIQPKLDEYYKKDNAYY 1890
TR|A0A0U1WHI4|A0A0U1WHI4 CVHSA IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1879
TR|A0A0U1WHG0|A0A0U1WHG0 CVHSA IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1879
TR|A0A166ZL34|A0A166ZL34 9NIDO IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAY- 1878
                          IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1876
TR|R9QTB2|R9QTB2 CVHSA
TR|R9QTH2|R9QTH2 CVHSA
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1885
SP|P0C6U8|R1A_CVHSA
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|Q6JH47|Q6JH47 CVHSA
                            IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
TR|Q692E5|Q692E5 CVHSA
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SP|P0C6F8|R1A BCHK3
                              VDGAHLTKMSEYKGPVTDVFYKETSYTTAIKPVSYKLDGVTYTEIEPKLDGYYKKGNAYY 1878
TR|A0A0K1Z0N1|A0A0K1Z0N1 CVHSA IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1884
SP|P0C6F5|R1A BC279
                             IDGAYLTKMSEYKGPVTDVFYKEISYTTTIKPVSYKLDGVIYTEIQPKLDEYYKKDNAYY 1890
SP|P0C6T7|R1A BCRP3
                              IDGAHLTKMSEYKGPVTDVFYKETSYTTTIKPVSYKLDGVTYTEIEPKLDGYYKKDNAYY 1882
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