

GP4GP5M chimera

H- MAATILFLLAGAQHFMVSEA -OH
H- LAGAQHFMVSEAFACKPCFS -OH
H- VSEAFACKPCFSTHLSDIKT -OH
H- PCFSTHLSDIKTNTTAAAGF -OH
H- DIKTNTTAAAGFMVLQNINC -OH
H- AAGFMVLQNINCPQFHRAST -OH
H- NINCPQFHRASTTSSSPLRK -OH
H- RASTTSSSPLRKSPQCREAV -OH
H- PLRKSPQCREAVGTPQYITI -OH
H- REAVGTPQYITIVANVTDES -OH
H- YITIVANVTDESILYNADLL -OH
H- TDESILYNADLLMLSACLFY -OH
H- ADLLMLSACLFYASEMSEKG -OH
H- CLFYASEMSEKGFKVIFGNF -OH
H- SEKGFKVIFGNFADGNGDSS -OH
H- FGNFADGNGDSSTYQYIYNL -OH
H- GDSSTYQYIYNLTICELNGT -OH
H- IYNLTICELNGTAWLSDKFY -OH
H- LNGTAWLSDKFYWAVAIRAA -OH
H- DKFYWAVAIRAAKNCMACRY -OH
H- IRAAKNCMACRYARTRFTNF -OH
H- ACRYARTRFTNFIVDDRGGV -OH
H- FTNFIVDDRGGVHRWKSPIV -OH
H- RGGVHRWKSPIVVEKLGKAE -OH
H- SPIVVEKLGKAEVGDALVTI -OH
H- GKAEVGDALVTIKHVIEGV -OH
H- LVTIKHVIEGVKAQPLTRT -OH
H- IEGVKAQPLTRTTAEQWQAA -OH
H- LTRTTAEQWQAAGLDDFCYD -OH
H- WQAAGLDDFCYDSTAVQKLS -OH
H- FCYDSTAVQKLSRCRLCCLG -OH
H- QKLSRCRLCCLGRRYILAPA -OH
H- CCLGRRYILAPAHHVESAAG -OH
H- LAPAHHVESAAGLHPIPASG -OH
H- SAAGLHPIPASGNQAYAVRK -OH
H- PASGNQAYAVRKPLTSVNG -OH
H- AVRKPLTSVNGTLVPGLRG -OH
H- SVNGTLVPGLRGLVLGGKRA -OH
H- GLRGLVLGGKRAVKRGMVNL -OH
H- VLGGKRAVKRGMVNLVKYGR -OH

Nucleoprotein N

H- MAGKTQRQNRNKNPAPMGNG -OH
H- NRNKNPAPMGNGQSVNQLCQ -OH
H- MGNGQSVNQLCQLLGSMILKS -OH
H- QLCQLLGSMILKSQRQQSRGG -OH
H- MLKSQRQQSRGGQVKKKKPE -OH
H- SRGGQVKKKKPEKPHFPLAA -OH
H- KKPEKPHFPLAAEDDVRHHL -OH
H- PLAAEDDVRHHLTQAERSLC -OH
H- RHHLTQAERSLCLQSIQTAF -OH
H- RSLCLQSIQTAFNQAGTAS -OH
H- QTAFNQAGTASLSSSGKVG -OH
H- GTASLSSSGKVGQVEFMLP -OH
H- GKVGFQVEFMLPVTHTVRLI -OH
H- FMLPVTHTVRLIRVTSTSAS -OH
H- VTHTVRLIRVTSTSASQGVN -OH

NSP1 β

H- MSGTFSRCMCTPAARVFWNA -OH
H- MCTPAARVFWNAGQVYCTRC -OH
H- FWNAGQVYCTRCLSARSLLP -OH
H- CTRCLSARSLLPLELQDDDL -OH
H- SLLPLELQDDDLGAIGLFHK -OH
H- DDDLGAIGLFHKPKDKLRWR -OH
H- LFHKPKDKLRWRVPVGIPLV -OH

H- LRWRVPVGIPLVECSPSGCC -OH
H- IPLVECSPSGCCWLSAIFPL -OH
H- SGCCWLSAIFPLARMTSGNH -OH
H- IFPLARMTSGNHNFLQRLVK -OH
H- SGNHNFLQRLVKVAEVLRYD -OH
H- RLVKVAEVLRYDGCCLTPRHL -OH
H- LYRDGCCLTPRHLRELQVYER -OH
H- PRHLRELQVYERGCDWYPIT -OH
H- VYERGCDWYPITGPVPGMGM -OH
H- YPITGPVPGMGMYANSMHVS -OH
H- GMGMYANSMHVSDRPFPGAT -OH
H- MHVSDRPFPGATHVLNLSPL -OH
H- PGATHVLNLSPLPQQACRQP -OH
H- NSPLPQQACRQPCPFEEAH -OH
H- CRQPCPFEEAHSDVYKWK -OH
H- EEAHSDVYKWKVFIFTDSS -OH
H- KWKKFVIFTDSSPNGRSRMM -OH
H- TDSSPNGRSRMMWMPESGDS -OH
H- SRMMWMPESGDSANLEELPL -OH
H- SGDSANLEELPLELERQVEI -OH
H- ELPLELERQVEILVRSFPAH -OH
H- QVEILVRSFPAHHPVDLADW -OH
H- FPAHHPVDLADWELTESPEH -OH
H- LADWELTESPEHGFSFGTSH -OH
H- SPEHGFSFGTSHHCGYLAQH -OH
H- GTSHHCGYLAQHPYGFDGKC -OH
H- LAQHPYGFDGKCWLSCLDL -OH
H- DGKCWLSCLDLSTKVL RHE -OH
H- FLDLSTKVL RHEEYLA SFG -OH
H- LRHEEYLA SFGYQTRWGVP -OH
H- SAFGYQTRWGVP GKYLQRR -OH
H- WGVPGKYLQRR LQINGVR -OH
H- QRR LQINGVR VDPDGP -OH
H- VR VDPDGP -OH
H- GPIHVEALSCPQSWIRHLTL -OH
H- SCPQSWIRHLTLDDDATPGF -OH
H- HLT LDDDATPGFVRLMSLRI -OH
H- TPGFVRLMSLRIIPNTEPTT -OH
H- SLRIIPNTEPTTLQIFRFGT -OH
H- IPNTEPTTLQIFRFGTHKWY -OH

RdRp pool1

H- MATGFKLLAASGLTRCGRGG -OH
H- AASGLTRCGRGGLVVTETAV -OH
H- GRGGLVVTETAVKIVKYHSR -OH
H- ETAVKIVKYHSRTFTLGPLD -OH
H- YHSRTFTLGPLDLKVTSEVE -OH
H- GPLDLKVTSEVEVKKSTEQG -OH
H- SEVEVKKSTEQGHAVVANLC -OH
H- TEQGHAVVANLC SGVVMRP -OH
H- ANLC SGVVMRPHPPSLVDV -OH
H- LMRPHPPSLVDVILKPGLDT -OH
H- LVDVILKPGLDTTPGIQPGH -OH
H- GLDTTPGIQPGHAGNMGV D -OH
H- QPGHAGNMGV DGTIWD FET -OH
H- MGV DGTIWD FETAPTRAELE -OH
H- DFETAPTRAELELSKQIIQA -OH
H- AELELSKQIIQACEIRR GDA -OH
H- IIQACEIRRGDAPNLQLPYK -OH
H- RGDAPNLQLPYKLYPVRGDP -OH
H- LPYKLYPVRGDPERKEGR LI -OH
H- RGDPERKEGR LINTRFGDLP -OH
H- GRLINTRFGDLPYKTPQDTG -OH
H- GDLPYKTPQDTGSAIHAACC -OH
H- QDTGSAIHAACCLNPNGAPV -OH
H- AACCLNPNGAPVSDGKSVLG -OH

H- GAPVSDGKSVLGTTLQHGFE -OH
H- SVLGTTLQHGFEYVPTVPY -OH
H- HGFELYVPTVPYSVMEYLD -OH
H- TVPYSVMEYLDSPDTPMC -OH
H- YLDSRPDTPLMCTKHGTSRA -OH
H- PLMCTKHGTSRAATEDLQKY -OH
H- TSRAATEDLQKYDLSTQGFV -OH
H- LQKYDLSTQGFVLPGLRLV -OH
H- QGFVLPGLRLVRRFIFGHI -OH
H- LRLVRRFIFGHIGKAPPLFL -OH
H- FGHIGKAPPLFLPSTYPAKN -OH
H- PLFLPSTYPAKNMAGINGQ -OH
H- PAKNSMAGINGQRFPTKDVQ -OH
H- INGQRFPTKDVQSIPEVDEM -OH
H- KDVQSIPEVDEMCARAVKEN -OH
H- VDEMCARAVKENWQTVTPCT -OH

RdRp pool2

H- VKENWQTVTPCTLKKQYCSK -OH
H- TPCTLKKQYCSKPKTRTILG -OH
H- YCSKPKTRTILGTNNFIALA -OH
H- TILGTNNFIALAHRSAISGV -OH
H- IALAHRSAISGVTQAFMKKA -OH
H- LSGVTQAFMKKAWRSPIALG -OH
H- MKKAWRSPIALGKNKFELH -OH
H- IALGKNKFELHCTVAGRCL -OH
H- KELHCTVAGRCLADLASCD -OH
H- GRCLEADLASCDRSTPAIVR -OH
H- ASCDRSTPAIVRWFTAHLLY -OH
H- AIVRWFTAHLLYELAGCEEY -OH
H- HLLYELAGCEEYLPYVNLN -OH
H- CEEYLPYVNLNCHDLVATQ -OH
H- VLNCHDLVATQDGAFTKRG -OH
H- VATQDGAFTKRGGLSSGDPV -OH
H- TKRGGLSSGDPVTSVSNVY -OH
H- GDPVTSVSNVYSLIYAQH -OH
H- NTVYSLIYAQHMVLSALKM -OH
H- YAQHMVLSALKMGHEIGLKF -OH
H- ALKMGHEIGLKFLEDQLKFE -OH
H- GLKFLEDQLKFEDLLEIQPM -OH
H- LKFEDLLEIQPMLVYDDL -OH
H- IQPMLVYDDLVLVYAEQPTF -OH
H- DDLVLVYAEQPTFPNYHWWVE -OH
H- QPTFPNYHWWVEHLDLMLGF -OH
H- WWVEHLDLMLGFKTDPKKTV -OH
H- MLGFKTDPKKTVITDKPSFL -OH
H- KKTVITDKPSFLGCKIEAGR -OH
H- PSFLGCKIEAGRQLVPSNRDR -OH
H- EAGRQLVPSNRDRILAALAYH -OH
H- NRDRILAALAYHMKQAQNA -OH
H- LAYHMKQAQNAEYASAAAI -OH
H- NAEYASAAAILMDSACI -OH
H- AAAILMDSACIDYDPEWYE -OH
H- CACIDYDPEWYEDLICGIAR -OH
H- EWYEDLICGIARCARQDGYS -OH
H- GIARCARQDGYSFPGPPFFM -OH
H- DGYSFPGPPFFMSMWERLKS -OH
H- SFGPPFFMSMWERLKSHNE -OH

Control peptide

H- IKDFHVFYFRESRDALWKGPG -OH