

GP4GP5M chimera

H- MAATILFLLAGAQHFMVSEA -OH
H- LAGAQHFMVSEAFACKPCFS -OH
H- VSEAFACKPCFSTHLSDIKT -OH
H- PCFSTHLSDIKNTTAAAGF -OH
H- DIKTNTTAAAGFMVLQNINC -OH
H- AAGFMVLQNINCPQFHRAST -OH
H- NINCPQFHRASTSSSPLRK -OH
H- RASTSSSPLRKSPQCREAV -OH
H- PLRKSPQCREAVGTPQYITI -OH
H- REAVGTPQYITIVANVTDES -OH
H- YITIVANVTDESYLYNADLL -OH
H- TDESYLYNADLLMLSACLFY -OH
H- ADLLMLSACLFYASEMSEKG -OH
H- CLFYASEMSEKGFVIFGNF -OH
H- SEKGFVIFGNFADGNGDSS -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- LTRTTAEQWQAAGLDDDFCYD -OH
H- WQAAGLDDDFCYDSTAVQKLS -OH
H- FCYDSTAVQKLSRCLCCLG -OH
H- QKLSRCLCCLGRRYILAPA -OH
H- CCLGRRYILAPAHHVESAAG -OH
H- LAPAHHVESAAGLHPIPASG -OH
H- SAAGLHPIPASGNQAYAVRK -OH
H- PASGNQAYAVRKPGLTSVNG -OH
H- AVRKPGLTSVNGTLVPGLRG -OH
H- SVNGTLVPGLRGLVLGGKRA -OH
H- GLRGLVLGGKRAVKRGMVNL -OH
H- VLGGKRAVKRGMVNLVKYGR -OH

Nucleoprotein N

H- MAGKTQRQNRNKNPAPMGNG -OH
H- NRNKNPAPMGNGQSVNQLCQ -OH
H- MGNGQSVNQLCQLGSMMLKS -OH
H- QLCQLGSMMLKSQRQQSRGG -OH
H- MLKSQRQQSRGGQVKKKKPE -OH
H- SRGGQVKKKKPEKPHFPLAA -OH
H- KKPEKPHFPLAAEDDVRHHL -OH
H- PLAAEDDVRHHLTQAERSLC -OH
H- RHHLTQAERSLCLQSIQTA -OH
H- RSLCLQSIQTA FNQGAGTAS -OH
H- QTAFNQAGTASLSSSGKVG -OH
H- GTASLSSSGKVGQVEFMLP -OH
H- GKVGFQVEFMLPVTHTVRLI -OH
H- FMLPVTHTVRLIRVTSTAS -OH
H- VTHTVRLIRVTSTASQGVN -OH

NSP1 β

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

H- LRWRVPVGIPLVECSPSGCC -OH
H- IPLVECSPSGCCWLSAIFPL -OH
H- SGCCWLSAIFPLARMTSGNH -OH
H- IFPLARMTSGNHNFLQRLVK -OH
H- SGNHNFLQRLVKVAEVLRYD -OH
H- RLVKVAEVLRYDGLTPRHL -OH
H- LYRDGCLTPRHLRELQVYER -OH
H- PRHLRELQVYERGCWYPIT -OH
H- VYERGCWYPITGPVPGMGM -OH
H- YPITGPVPGMGMYANSMHVS -OH
H- GMGMYANSMHVSDRPFPGAT -OH
H- MHVSDRPFPGATHVLTNSPL -OH
H- PGATHVLTNSPLPQQACRQP -OH
H- NSPLPQQACRQPCPFEEAH -OH
H- CRQPCPFEEAHSDVYKWK -OH
H- EEAHSDVYKWKKFVIFTDSS -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- GTSHHCGYLAQHYPYGF DGKC -OH
H- LAQHYPYGF DGKCWLSCFLDL -OH
H- DGKCWLSCFLDLSTKVL RHE -OH
H- FLDLSTKVL RHEEYLASAFG -OH
H- LRHEEYLASAFGYQTRWGVP -OH
H- SAFGYQTRWGVP GKYLQRR -OH
H- WGVPGKYLQRR LQINGVRAV -OH
H- QRR LQINGVRAV VDPDGP I H -OH
H- VRAV VDPDGP I HVEALSCPQ -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 SGVVMR P -OH
H- ANLC SGVVMR PHPPSLVDV -OH
H- LMRPHPPSLVDVILKPGLDT -OH
H- LVDVILKPGLDTPGIQPGH -OH
H- GLDTPGIQPGHGAGNMGVD -OH
H- QPGHGAGNMGVDGTIWFDFET -OH
H- MGVDGTIWFDFETAPTRAELE -OH
H- DFETAPTRAELELSKQIIQA -OH
H- AELELSKQIIQACEIRRGDA -OH
H- IIQACEIRRGDAPNLQLPYK -OH
H- RGDAPNLQLPYKLYPVRGDP -OH
H- LPYKLYPVRGDPERKEGR LI -OH
H- RGDPERKEGR LINTRFGDLP -OH
H- GRLINTRFGDLPYKTPQDTG -OH
H- GDLPYKTPQDTGSAIHAACC -OH
H- QDTGSAIHAACCLNPN GAPV -OH
H- AACCLNPN GAPVSDGKSVLG -OH

H- GAPVSDGKSVLGTTLQHGFE -OH
H- SVLGTTLQHGFEYVPTVPY -OH
H- HGFELYVPTVPYSVMEYLDLDS -OH
H- TVPYSVMEYLDLDSRPDTPLMC -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- TILGTNNFIALAHRSAALSGV -OH
H- IALAHRSALSGVTQAFMKKA -OH
H- LSGVTQAFMKKAWRSPIALG -OH
H- MKKAWRSPIALGKKNKFELH -OH
H- IALGKNKFELHCTVAGRCL -OH
H- KELHCTVAGRCLLEADLASCD -OH
H- GRCLEADLASC DRSTPAIVR -OH
H- ASCDRSTPAIVRWFTAHLLY -OH
H- AIVRWFTAHLLYELAGCEEY -OH
H- HLLYELAGCEEYLPYVNLN -OH
H- CEEYLPYVNLNCCCHDLVATQ -OH
H- VLNCCCHDLVATQDGAFTKRG -OH
H- VATQDGAFTKRGGLSSGDPV -OH
H- TKRGGLSSGDPVTSVSNVY -OH
H- GDPVTSVSNVYSLIYAQH -OH
H- NTVYSLIYAQHMVLSALKM -OH
H- YAQHMVLSALKMGHEIGLKF -OH
H- ALKMGHEIGLKFLEDQLKFE -OH
H- GLKFLEDQLKFEDLLEIQPM -OH
H- LKFEDLLEIQPMLVYSDDLV -OH
H- IQPMLVYSDDLVLYAEQPTF -OH
H- DDLVLYAEQPTFPNYHWWVE -OH
H- QPTFPNYHWWVEHLDLMLGF -OH
H- WWVEHLDLMLGFKTDPKKTV -OH
H- MLGFKTDPKKTVITDKPSFL -OH
H- KKTVITDKPSFLGCKIEAGR -OH
H- PSFLGCKIEAGRQLV PNRDR -OH
H- EAGRQLV PNRDRILAALAYH -OH
H- NRDRILAALAYHMKQAQNA -OH
H- LAYHMKQAQNAEYASAAA -OH
H- NASEYASAAAAILMDSACI -OH
H- AAAAILMDSACIDYDPEWYE -OH
H- CACIDYDPEWYEDLICGIAR -OH
H- EWYEDLICGIARCARQDGYS -OH
H- GIARCARQDGYSFPGPPFFM -OH
H- DGYSFPGPPFFM SMWERLKS -OH
H- SFGPPFFM SMWERLKSHNE -OH

Control peptide

H- IKDFHVVYFRESRDALWKGPG -OH