

A

>CP_P2MER (55% sequence coverage from trypsin digestion)

LAPENITFDT	LNTQNDHEET	YGESPEVPKA	SIAPAGRQNV	PVLQQNQENE	DDHALGGSSED	AKDEREIQFS	AIKTLYNYYS	EGPSTPIMPH	LVNRLRGLDA	100
LAKVDATLSK	VDMNAAYIFA	LRPTFPYSYG	YKQRFSNRRL	TTSALCYART	GLSSFLTVDK	TYTSNSPLRG	GSRGWPIFNV	GVSPHVAEPH	MRTLSPIGLE	200
VFNLATSQFS	KTLLTASSKV	FTQSLYSADI	LSIFGEVFLP	HVMQPVSNYT	PILVRALLAL	IHILGSGSGN	CSLSSSIFES	SIPQFLTISH	STNMSNRTRY	300
CLHTWSAYKD	MFRNGIP PQS	TFPPTLAPEG	SSARILIPAA	LVTSPMFPWL	LVLVSSG PQF	FLYSKDASSN	TVDIGSRGRI	TSPIPDVAHL	DLHRLWNLFR	400
FDGYRYIDVV	IVGVDRDYVW	PYQNGVYVHG	GKGPKGTDNY	[G/E]NADVHDGIG	TIFSSFNDNV	NVQTSDLLLG	LSTLWNHITT	TYATEEEVMT	AIKIAAAFAL	500
VYPVQPIVYS	GCPRALYNHT	SYFQPSSENC	YT TDTAEVKS	TWDTVELSVQ	VNNAMVLGMT	LPFGQPTVSS	LPFGQPTVSS	EISMFKVGNL	PLQNL DYLSL	600
DMMEFYAPTT	GQLYDIRSDS	LISSAHR TVN	LGIGYTALAD	FFAYLASVPA	QSFYHNRMT	SPISKQAYSV	SPISKQAYSV	DFVGWDRCDL	FNLD TLLGAK	700
RIAGVASSLI	PWHCSLQRCF	LPIIMHYTGL	HFGQEHIVR	DVAGVEGLQQ	IVLRNDQ GSI	VLDALGTAAP	VLDALGTAAP	RLSAWYSDTT	CAIPLSDRVM	800
EIVNYAAIWD	PTQERRATGF	VYTYFSPNFL	SSFNVSEPIF	NKTINLT PPY	DDTSQTVIQN	LSMPQMLSFD	LSMPQMLSFD	SADNEWVPTS	GPAWKVPYLE	900
NVVKRSGRRL	LAELRIASNN	GSGDRTF LDD	V							931

B

>CP/RdRp_HP (19% sequence coverage combined from trypsin and AspN digestion)

LA PENITFDT	LNTQNDHEET	YGESPEVPKA	SIAPAGRQNV	PVLQQNQENE	DNHALGGSSED	AKDEREIQSS	AIKTLYNYYS	EGPSTPIMPH	LVNRLRGLDA	100
LAKVDATLSK	VDMNAAYIFA	LRPTFPYSYG	YKQRFSNRRL	DNHALGGSSED	GLSSFLTVDK	TYTSNSPLKG	GSRGWPIFN[V/L]	GVSPHVAEPH	MRTLSPIGLE	200
VFNLATSQFS	KTLLTASSKV	FTQSLYTADI	LSIFGEVFLP	TTSALCYART	PILVRALLAL	IHILGSGSGN	CSLSSSIFES	SIPQFLTISH	STNMSNRTRY	300
CLHTWSAYKD	MFRNGIP PQS	TFPPTLAPEG	SSARILIPAA	GLSSFLTVDK	LVLVSSG PQF	FLYSKDASIN	TVDIGSRGRI	TSPIPDVAHL	DLHRLWNLFR	400
FDGYRYIDVV	IVGVDRDYVW	PYQNGVYVHG	GKGPKGTDNY	HVMQPVSNYT	TIFSSFNNNV	NVQTSDLLLG	LSTLWNHITT	TYATEEEVMT	AIKIAAAFAL	500
VYPVQPIVYS	GCSRALYNHT	SYFQPSSENC	YT TDTAEVKS	PILVRALLAL	VNNAMVLGMT	LPFGQPTVSS	AQWFNNIDKA	EISMFKVGNL	PLQNL DYLSL	600
DMMEFYAPTT	GQLYDIRSDS	LISSAHR TVN	LGIGYTALAD	LVTSPMFPWL	QSFYHNRMT	SPISKQAYSV	YERFIERFID	DFVGWDRCDL	FNLD TLLGAK	700
RIAGVASSPI	PWHCSLQRCF	LPIIMHYTGL	HFGQEHIRVR	LVLVSSG PQF	IVLRNDQ GSI	VLDALGTAAP	SRLAVKLDWS	RLSAWYSDTT	CAIP[I/L]SDRVM	800
EIVNYAAIWD	PTQERRATGF	VYTYFSPNFL	SSFNVSEPIF	ENADVHDGIG	DDTSQTVIQN	LSMPQMLSFD	PYYESTFYVV	SADNEWVPTS	GPAWKVPYLE	900
NVVKRSGRRL	LAELRIASNN	GSGDRTF LTT	CKTRKGRHYA	TIFSSFNNNV	LEFVCAPLSS	ISLQGGQTIY	APIQLQDAIP	VRREDPVPGS	IYAVFKFFSE	1000
PKAWETRALK	SYKVRFQDLP	SHIVISELKE	RAARSYIGSR	TWDTVELSVQ	DIYIDILSQM	ELPKYIHEFL	VLLRGKVCEV	SRLYKKEQVF	VILLTVFSEL	1100
TAIVRHRGNK	STGSMGRMWT	LLSDFETLLG	KVSYKNPSII	VNNAMVLGMT	DPIPRTPDFY	STYFKTAVQF	MHRTFVPVTL	RSAPPLTFYE	YCARPELWGT	1200
TGSGYIGYGK	RSFNKWSIYG	AYSAAEIIYRL	ALYGDNPPLK	FFAYLASVPA	RAVISASFQS	YILMSYLEYI	MADTIVDKAF	TTTLMNDRQL	ENLERHMMTM	1300
TGGVRVPVDQ	SNFDRQPDIV	QIGIWQQLLF	HLASASAPYR	QSFYHNRMT	RLASTTTFPN	LKVRMSDGDK	RVLHGLPSGW	KWTALLGALI	NVTQLLTMAE	1400
LSNTLASLRS	TVVQGDDIAL	SMTDREQAAQ	LVD TYARQGF	DVAGVEGLQQ	PDRDEFLLRV	ATPGIVAGYP	ARMMIKLLYQ	LTEPEEPSHY	ISM[L/F]PKLAKV	1500
PNMVREYVSP	RS DVPWSETV	EELDWREALA	ILRHRPARTS	IVLRNDQ GSI	GRFTA AHPDK	RALTLLYHWF	VRDLTHATKI	KKRNLLILLQ	QPGFWGGY[S/P]Q	1600
SLVGLLRTTH	LADMIVSELG	IGLPGPRATS	SRFGTSPTSL	NKTINLT PPY	SSVHVQSQKE	LDLWGLCRSS	IYAKHYSNIF	RYYKLTLP TL	[V/M]LWAQRLGDK	1700
HVTDFIRSVT	LGSEIPKYDP	HTRLFTSNGV	SVGT LIRIRV	DDTSQTVIQN	ETPKCIPVIV	GLYREQT LSV	PESVRLSEPD	KILSSLQRAS	GYSLSLVKKI	1800
LQITRKPVVDH	PVDAREFSQAF	PNNWSDLART	AGTFLLTVPL	YFSAALGGKI	SLSVWASTIA	AGFTQFLGQG	NFSFA			1873

>CP/RdRp_CAT (42% sequence coverage combined from trypsin and AspN digestion)

MVWGTGYGNP	SPLNPYGFAS	LHRGGNLPLI	LAPENITLDT	LNTQNDYEET	HGESPEVPKA	SIAPAGRQNV	PVLQQNQENK	DNHALGGSSED	AKDEREIRFS	100
AIKTLYNYYS	EGPSTPIMPH	LVNRLRGLDA	LAKIDATLTK	VDMNAAYIFA	LRPTFPYSYG	YKQRFSNRRL	TTSAVCYART	GLSSFLT VNK	TYTSNSPLKG	200
GSRGWPIFNV	GVSPHVAEPH	MRTLSPIGLE	VFNLATSQFS	KTLLTASSKV	FTQSLYTADI	LSIFGEVFLP	HVMQPVSNYT	PILVRALLAL	IHILGPGSGN	300
CSLSSSIFES	SIPQFFT VSH	STNMSNRTRY	CLHTWSAYKD	MFRNGIP PQS	TLPPTLAPEG	SSARVLIPAA	LVTSPMFPWL	LALVSSG PQF	FLYSKDASIN	400
TVDIGSRGRI	TSPIPDVANL	DLHRLWNLFR	FDGHR YIDVV	IVGVDRDYVW	PYQNGVYVHG	GKGPNGTDNY	GNADVHDGIG	TIFSSFNDNV	NVQTSDLILG	500
LLTLWNHITT	TYATEEEVMT	AIKIAAAFAL	VYPVQPIVYS	GCPRAFQ SHT	SYYQPSSENC	YT TDTAEVKS	TWDTVELSVQ	VNNAMVLGMT	LPFGQPTVSS	600
AQWFNNIDKA	EISMFKVGNL	PLQNL DYLSL	DMMEFYAPTT	GQLYDIRSDN	LILSAHR TVN	LGIGYTALAD	FFAYLASVPA	QSFYHDMVT	SPISKQTYSV	700
YERFIERFVD	DFVGWDRCDL	FNLD TLLAAK	RIAGVASSPI	PWHCSLQRCF	LPIIMHYTGL	HFGQEHITVR	DVAGVEGLQQ	IVMRNDQ GKI	VVDALGTAAP	800
SRLAVKLDWS	RLSAWYSDTT	CAIPLSDRVM	EIINYAAIWD	PTQERRATGF	VYTYFSPNFL	SSFNASEPIF	NTSINLT PPY	DDTSYTVIQN	LSMPQMLSFD	900
PYYESTFYVV	SADNEWIPTS	GPAWKVPYLE	NVVKRSGRRL	LAELRIASNN	GSGDRTF LTT	CKTRKGRHYA	YFSAALGGKI	LEFICAPLSS	ISLQGGQTIY	1000
APIQ[L/F]QDAIP	ARREDPVPGS	IYAVFKLFSE	PKAWEARASK	SYKVKFQDLP	SHIVINELKE	RAARSYIGSR	GYVDTGFKAL	DIYIDILSQM	ELPKYIHEFL	1100
ILLKGVKCEV	SRLYRKEQVF	VILLTVFSEL	TAIVRHRGNK	STGSMGRMWT	LLSDLETLLG	KVSYKNPSII	EEQVVPWLTS	DPIPRTPDFY	STYFKTAVQF	1200
MHRTFVPVIL	RSAPPLTF[H/Y]E	YCGRPELWGT	TGSGYIGYGK	RSFNKWSIYG	AYSAAEIIYRL	ALYGDNPPLK	PLEKPELT KV	RAVISASFQS	YILMSYLEYI	1300
MADTIVDKTF	TTTLMNDRQL	ENLERHMMTM	TGGVRVPVDQ	SNFDRQPDIV	QIGIWQQLLF	HLASASAPHK	ARDSVSLVIS	RLVSTTTFPN	LKVRMSDGDK	1400
RVLHGLPSGW	KWTALLGALI	NVTQLLTMAE	LSNTLASLRS	TVVQGDDIAL	SMTDREQAAQ	LVD TYARQGF	EVNPKKFWIS	PDRDEFLLRV	ATPGIVAGYP	1500
ARMMIKLLYQ	LTEPEEPSHY	ISTLPK LAKV	PNVVQEYVSP	RS DVPWSETV	EELDWREALA	ILRHRPARTS	ELVTQWLQLI	GRFTA A[H/Y]PDK	RALTLLYRWF	1600
VRDLTHATKI	KKRNLLVLLQ	QPGFWGGYSQ	SLVGLLRTTH	LADMIVSELD	IGLPGPRATS	SRFGTSPTSL	APHYLT L IVP	SSVHVQSQKE	LDLWGLCKSS	1700
TYAKHYSNIF	RYYKLTLP TL	VLWAQRLGDK	HVTDFIRSVT	PGSEIPKYDP	HTRLFTSNGV	SVGT LIRIRV	RHFTHRVLRR	ETPKCIPVIV	GLYREQT LSV	1800
PESVRLSEPD	KILSSLQRAS	GYSLSLVKKI	LQITRKPVVDH	PVDAREFSQAF	PNNWSDLART	AGTFLLTVPL	RRFQETMLAL	SLSVWASTIA	AGFTQFLGQGNFSFA	1904