

Ebolaviruses nucleoprotein sequences

ZEMBOV MDRPQKIWMAPSLTESDMYHKILTAGLSVQQGIVRQRVIVPYQVNNLEEICQLIIQAF 60
CIEBOV MESRAHKAWMTHTASGFETDYHKILTAGLSVQQGIVRQRVIQVHQVTNLEEICQLIIQAF 60
REBOV MDRGTRRIWVSQNQGD TDLDYHKILTAGLTVQQGIVRQKIISVYLVNDLEAMCQLVIQAF 60
SEBOV MDKRVRGSWALGGQSEVDLDYHKILTAGLSVQQGIVRQRVIVPYVVDNLEEGICQHIQAF 60
BEBOV MDRPRIRTWMMHNTSEVEADYHKILTAGLSVQQGIVRQRIIPVYQISNLEEVCQLIIQAF 60
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ZEMBOV EAGVDFQESADSFLMLCLHHAYQG DYKLFLESGAVKYLEGHGFRFEVKKRDGDKRLEEL 120
CIEBOV EAGVDFQESADSFLMLCLHHAYQG DYKLFLESNAVKYLEGHGFRFEVKKRKEGVKRLEEL 120
REBOV EAGIDFQENADSFLMLCLHHAYQG DYKLFLESNAVQYLEGHGFKFELRKKDGVNRLEEL 120
SEBOV EAGVDFQDNADSFLLLLCLHHAYQG DHRFLKSDAVQYLEGHGFRFEVREKENVHRLDEL 120
BEBOV EAGVDFQDSADSFLMLCLHHAYQG DYKLFLESNAVKYLEGHGFRFEMKKKEGVKRLEEL 120
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ZEMBOV LPAVSSGKNIKRTLAAMPEEETTEANAGQFLSFASLFLPKLVVGEKACLEKVQRQIQVHA 180
CIEBOV LPAASSGKSI RRTLAAMPEEETTEANAGQFLSFASLFLPKLVVGEKACLEKVQRQIQVHS 180
REBOV LPAATSGKNIRRTLAALPEEETTEANAGQFLSFASLFLPKLVVGEKACLEKVQRQIQVHA 180
SEBOV LPNVTGGKNLRRTLAAMPEEETTEANAGQFLSFASLFLPKLVVGEKACLEKVQRQIQVHA 180
BEBOV LPAASSGKNIKRTLAAMPEEETTEANAGQFLSFASLFLPKLVVGEKACLEKVQRQIQVHA 180
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ZEMBOV EQGLIQYPTAWQSVGHMMVIFRLMRTNFLIKFLLIHQGMHMVAGHDANDAVI S NSVAQAR 240
CIEBOV EQGLIQYPTAWQSVGHMMVIFRLMRTNFLIKFLLIHQGMHMVAGHDANDAVIANSVAQAR 240
REBOV EQGLIQYPTAWQSVGHMMVIFRLMRTNFLIKYLLIHQGMHMVAGHDANDAVIANSVAQAR 240
SEBOV EQGLIQYPTSWQSVGHMMVIFRLMRTNFLIKFLLIHQGMHMVAGHDANDTVI S NSVAQAR 240
BEBOV EQGLIQYPTSWQSVGHMMVIFRLMRTNFLIKFLLIHQGMHMVAGHDANDAVIANSVAQAR 240
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ZEMBOV FSGLLIVKTVLDHILQKTERGVRLHPLARTAKVKNEVNSFKAALSSLAKHGEYAPFARLL 300
CIEBOV FSGLLIVKTVLDHILQKTEHGVRLHPLARTAKVKNEVNSFKAALSSLAQHGEYAPFARLL 300
REBOV FSGLLIVKTVLDHILQKTDQGVRLHPLARTAKVRNEVNAFKAALSSLAKHGEYAPFARLL 300
SEBOV FSGLLIVKTVLDHILQKTDLGVRLHPLARTAKVKNEVSSFKAALGSLAKHGEYAPFARLL 300
BEBOV FSGLLIVKTVLDHILQKTEHGVRLHPLARTAKVKNEVSSFKAALASLAQHGEYAPFARLL 300
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ZEMBOV NLSGVNNEHGLFPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAATEAEKQLQQYAES 360
CIEBOV NLSGVNNEHGLFPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAATEAEKQLQKYAES 360
REBOV NLSGVNNEHGLYPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAATEAEKQLQQYAES 360
SEBOV NLSGVNNEHGLYPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAATEAEKQLQQYAE 360
BEBOV NLSGVNNEHGLFPQLSAIALGVATAHGSTLAGVNVGEQYQQLREAATEAEKQLQKYAES 360
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ZEMBOV RELDHLGLDDQEKKILMNFHQKKN EISFQQTAMVTLRKERLAKL TEAITAASLPKTS GH 420
CIEBOV RELDHLGLDDQEKKILKDFHQKKN EISFQQTAMVTLRKERLAKL TEAITSTSL LKTGKQ 420
REBOV RELDSLGLDDQERRILMNFHQKKN EISFQQTAMVTLRKERLAKL TEAITLASRPNLGS R 420
SEBOV RELDNLGLDEQEKKILMSFHQKKN EISFQQTAMVTLRKERLAKL TEAITTASIKIVGDR 420
BEBOV RELDHLGLDDQEKKILKDFHQKKN EISFQQTAMVTLRKERLAKL TEAITSTSI LKTGR 420
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ZEMBOV YDDDDDI PFP GPINDDDNPGHQDDDP TSDQDTTIPDVVDPDDG SYGEYQSYSENGMNAP 480
CIEBOV YDDDDNDI PFP GPINDNENSEQQDDDP TSDQDTTIPDI VDPDDGRYNNYGDY PSETANAP 480
REBOV QDDDN EIPFP GPISNPNPDQDHL EDDPRDSRDTIIPNSAIDPEDGDFENYNGYHDDEVGTA 480
SEBOV YPDDNDI PFP GPIYDDTHPNP SDDNPDSDRDTIIPGGVVDYDDESN NYPDYEDSAEGT 480
BEBOV YDDDDNDI PFP GPINDNENSQNDDDP TSDQDTTIPDVI DPNDGGYNNYSDYANDAASAP 480
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ZEMBOV DDLVLFDLDEDED T KVPNRS TKGGQKNSQK GQHIEGRQTQSRPIQNVPGPHRTI HHA 540
CIEBOV EDLVLFDLEDGDEDDHRPSSSEN NKNHSLTGTDSNK TSNWNRNPTNMPK KDSTQNNDNP 540
REBOV GDLVLFDLDDHEDDNKAFELQDSSPQSQR EIERERLIHPPPGNNKDDNRASDNNQQSADS 540

SEBOV GDLDLFLNLDLDDDDSRPGPPDRGQNKERAARTYGLQDPTLDGAKKVPCLTQPGSHQPGNLH 540
BEBOV DDLVLFDFLEDEDDADNPAQNTPEKNDRPATTKLRNGQDQDGNQGETASPRVAPNQYRDKP 540
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ZEBOV SAPLTDNDRRNEPSGSTSPRMLTPINEEADPLDDADDETSSLPPLESDEEQDRDGTSNR 600
CIEBOV AQRAQYARDNIQDTPTPHRALTPISEETGSNGHNEDDIDSIPPLESDEENNTETTITTT 600
REBOV EEQEGQYNRHRGPERTTANRRLSPVHEEDTPIQDQDDDPSSPPPLESDDDDASSSQQDPD 600
SEBOV ITKSGSNTNQPGNMSSTLHSMTPIQEESEPDDQKDNDESLSLSDSEGDEDEDGESISEEN 600
BEBOV MPQVQDRSENHDQTLQQTQSRVLTPISEEADPSDHNDGDNESIPPLESDDGEGSTDTTAAET 600
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ZEBOV TPTVAPPAPVYRDHSEKKELPQDEQQDQDHTQEARNQSDNTQSEHSFEEMYRHILRSQG 660
CIEBOV KNTTAPPAPVYRSNSEKEPLPQEKSQKQPQVSGSENTDNKPHSEQSVEEMYRHILQTTG 660
REBOV YTAVAPPAPVYRSAAEAHEPPHKSSNEPAETSQNLNEDPDIGQSKSMQKLGETYHLLRTQG 660
SEBOV TPTVAPPAPVYKDTGVDTNQQNGPSSTVDSQSGSEALPINSKSSALEETYYHLLKTQG 660
BEBOV KPATAPPAPVYRSISVDDSVPSENIPAQSNQTNNEEDNVRNNAQSEQSIAPMYQHILKTQG 660
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ZEBOV PFDVLYYHMMKDEPVVSTSDGKEYTYPDSLEEEYPPWLTEKEAMNEENRFVTLDGQQF 720
CIEBOV PFDAILYMMTEEPIVSTSDGKEYVYPDSLEGEHPPWLSEKEALNEDNRFITMDDQQF 720
REBOV PFEAINYYHMMKDEPVIIFSTDDGKEYTYPDSLEEAAPPWLTEKERLDNENRYIYINNQQF 720
SEBOV PFEAINYYHMSDEPIAFSTESGKEYIFPDSLEEAAPPWLSEKEALEKENRYLVIDGQQF 720
BEBOV PFDAILYHMMKEEPIIFSTSDGKEYTYPDSLEDEYPPWLSEKEAMNEDNRFITMDGQQF 720
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ZEBOV YWPVMNHKNKFMALQHHQ 739
CIEBOV YWPVMNHRNKFMALQHHK 739
REBOV FWPVMSPRDKFLAILQHHQ 739
SEBOV LWPVMSLRDKFLAVLQHD- 738
BEBOV YWPVMNHRNKFMALQHHR 739
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