-continued

<210> SEQ ID NO 19
<211> LENGTH: 533
<212> TYPE: PRT
<213> ORGANISM: Ebola virus

<400> SEQUENCE: 19

Ser Met Pro Leu Gly Val Val Thr Asn Ser Thr Leu Glu Val Thr Glu
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Ile Asp Gln Leu Val Cys Lys Asp His Leu Ala Ser Thr Asp Gln Leu
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Lys Ser Val Gly Leu Asn Leu Glu Gly Ser Gly Val Ser Thr Asp Ile
35 40 45

Pro Ser Ala Thr Lys Arg Trp Gly Phe Arg Ser Gly Val Pro Pro Lys
50 55 60

Val Val Ser Tyr Glu Ala Gly Glu Trp Ala Glu Asn Cys Tyr Asn Leu
65 70 75 80

Glu Ile Lys Lys Pro Asp Gly Ser Glu Cys Leu Pro Pro Pro Pro Asp
85 90 95

Gly Val Arg Gly Phe Pro Arg Cys Arg Tyr Val His Lys Ala Gln Gly
100 105 110

Thr Gly Pro Cys Pro Gly Asp Tyr Ala Phe His Lys Asp Gly Ala Phe
115 120 125

Phe Leu Tyr Asp Arg Leu Ala Ser Thr Val Ile Tyr Arg Gly Val Asn
130 135 140

Phe Ala Glu Gly Val Ile Ala Phe Leu Ile Leu Ala Lys Pro Lys Glu
145 150 155 160

Thr Phe Leu Gln Ser Pro Pro Ile Arg Glu Ala Val Asn Tyr Thr Glu
165 170 175

Asn Thr Ser Ser Tyr Tyr Ala Thr Ser Tyr Leu Glu Tyr Glu Ile Glu
180 185 190

Asn Phe Gly Ala Gln His Ser Thr Thr Leu Phe Lys Ile Asp Asn Asn
195 200 205

Thr Phe Val Arg Leu Asp Arg Pro His Thr Pro Gln Phe Leu Phe Gln
210 215 220

Leu Asn Asp Thr Ile His Leu His Gln Gln Leu Ser Asn Thr Thr Gly
225 230 235 240

Arg Leu Ile Trp Thr Leu Asp Ala Asn Ile Asn Ala Asp Ile Gly Glu
245 250 255

Trp Ala Phe Trp Glu Asn Lys Lys Asn Leu Ser Glu Gln Leu Arg Gly
260 265 270

Glu Glu Leu Ser Phe Glu Ala Leu Ser Leu Asn Glu Thr Glu Asp Asp
275 280 285

Asp Ala Ala Ser Ser Arg Ile Thr Lys Gly Arg Ile Ser Asp Arg Ala
290 295 300

Thr Arg Lys Tyr Ser Asp Leu Val Pro Lys Asn Ser Pro Gly Met Val
305 310 315 320

Pro Leu His Ile Pro Glu Gly Glu Thr Thr Leu Pro Ser Gln Asn Ser
325 330 335

Thr Glu Gly Arg Arg Val Gly Val Asn Thr Gln Glu Thr Ile Thr Glu
340 345 350

Thr Ala Ala Thr Ile Ile Gly Thr Asn Gly Asn His Met Gln Ile Ser
355 360 365