

SEQUENCE LISTING

<110> Centro de Investigaciones Energeticas Medioambientales y
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Fundacion Instituto de Investigacion Sanitaria Fundacion
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<130> ROPA-002/01WO 329592-2007

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<170> PatentIn version 3.5

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 <211> 122
 <212> DNA
 <213> Simian virus 40

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<212> DNA
 <213> Simian virus 40

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 <211> 28
 <212> DNA
 <213> Human immunodeficiency virus 1 (HIV-1)

<400> 12
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 <211> 83
 <212> DNA
 <213> Human immunodeficiency virus 1 (HIV-1)

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 <212> DNA
 <213> Escherichia coli

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 <212> DNA
 <213> Escherichia coli

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 <212> DNA
 <213> Artificial Sequence

<220>
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965 970 975

Leu Gln Ala Ala Cys Thr Ile Leu Val Asn Ala Leu Met Asp Phe His
980 985 990

Gln Ser Ser Arg Ser Tyr Asp His Ser Glu Asn Ser Asp Leu Val Phe
995 1000 1005

Gly	Gly	Arg	Thr	Gly	Asn	Glu	Asp	Ile	Ile	Ser	Arg	Leu	Gln	Glu
1010						1015					1020			
Met	Val	Ala	Asp	Leu	Glu	Leu	Gln	Gln	Asp	Leu	Ile	Val	Pro	Leu
1025						1030					1035			
Gly	His	Thr	Pro	Ser	Gln	Glu	His	Phe	Leu	Phe	Glu	Ile	Phe	Arg
1040						1045					1050			
Arg	Arg	Leu	Gln	Ala	Leu	Thr	Ser	Gly	Trp	Ser	Val	Ala	Ala	Ser
1055						1060					1065			
Leu	Gln	Arg	Gln	Arg	Glu	Leu	Leu	Met	Tyr	Lys	Arg	Ile	Leu	Leu
1070						1075					1080			
Arg	Leu	Pro	Ser	Ser	Val	Leu	Cys	Gly	Ser	Ser	Phe	Gln	Ala	Glu
1085						1090					1095			
Gln	Pro	Ile	Thr	Ala	Arg	Cys	Glu	Gln	Phe	Phe	His	Leu	Val	Asn
1100						1105					1110			
Ser	Glu	Met	Arg	Asn	Phe	Cys	Ser	His	Gly	Gly	Ala	Leu	Thr	Gln
1115						1120					1125			
Asp	Ile	Thr	Ala	His	Phe	Phe	Arg	Gly	Leu	Leu	Asn	Ala	Cys	Leu
1130						1135					1140			
Arg	Ser	Arg	Asp	Pro	Ser	Leu	Met	Val	Asp	Phe	Ile	Leu	Ala	Lys
1145						1150					1155			
Cys	Gln	Thr	Lys	Cys	Pro	Leu	Ile	Leu	Thr	Ser	Ala	Leu	Val	Trp
1160						1165					1170			
Trp	Pro	Ser	Leu	Glu	Pro	Val	Leu	Leu	Cys	Arg	Trp	Arg	Arg	His
1175						1180					1185			
Cys	Gln	Ser	Pro	Leu	Pro	Arg	Glu	Leu	Gln	Lys	Leu	Gln	Glu	Gly
1190						1195					1200			
Arg	Gln	Phe	Ala	Ser	Asp	Phe	Leu	Ser	Pro	Glu	Ala	Ala	Ser	Pro
1205						1210					1215			

Ala	Pro	Asn	Pro	Asp	Trp	Leu	Ser	Ala	Ala	Ala	Leu	His	Phe	Ala
1220						1225					1230			
Ile	Gln	Gln	Val	Arg	Glu	Glu	Asn	Ile	Arg	Lys	Gln	Leu	Lys	Lys
1235						1240					1245			
Leu	Asp	Cys	Glu	Arg	Glu	Glu	Leu	Leu	Val	Phe	Leu	Phe	Phe	Phe
1250						1255					1260			
Ser	Leu	Met	Gly	Leu	Leu	Ser	Ser	His	Leu	Thr	Ser	Asn	Ser	Thr
1265						1270					1275			
Thr	Asp	Leu	Pro	Lys	Ala	Phe	His	Val	Cys	Ala	Ala	Ile	Leu	Glu
1280						1285					1290			
Cys	Leu	Glu	Lys	Arg	Lys	Ile	Ser	Trp	Leu	Ala	Leu	Phe	Gln	Leu
1295						1300					1305			
Thr	Glu	Ser	Asp	Leu	Arg	Leu	Gly	Arg	Leu	Leu	Leu	Arg	Val	Ala
1310						1315					1320			
Pro	Asp	Gln	His	Thr	Arg	Leu	Leu	Pro	Phe	Ala	Phe	Tyr	Ser	Leu
1325						1330					1335			
Leu	Ser	Tyr	Phe	His	Glu	Asp	Ala	Ala	Ile	Arg	Glu	Glu	Ala	Phe
1340						1345					1350			
Leu	His	Val	Ala	Val	Asp	Met	Tyr	Leu	Lys	Leu	Val	Gln	Leu	Phe
1355						1360					1365			
Val	Ala	Gly	Asp	Thr	Ser	Thr	Val	Ser	Pro	Pro	Ala	Gly	Arg	Ser
1370						1375					1380			
Leu	Glu	Leu	Lys	Gly	Gln	Gly	Asn	Pro	Val	Glu	Leu	Ile	Thr	Lys
1385						1390					1395			
Ala	Arg	Leu	Phe	Leu	Leu	Gln	Leu	Ile	Pro	Arg	Cys	Pro	Lys	Lys
1400						1405					1410			

Ser Phe Ser His Val Ala Glu Leu Leu Ala Asp Arg Gly Asp Cys
1415 1420 1425

Asp Pro Glu Val Ser Ala Ala Leu Gln Ser Arg Gln Gln Ala Ala
1430 1435 1440

Pro Asp Ala Asp Leu Ser Gln Glu Pro His Leu Phe
1445 1450 1455