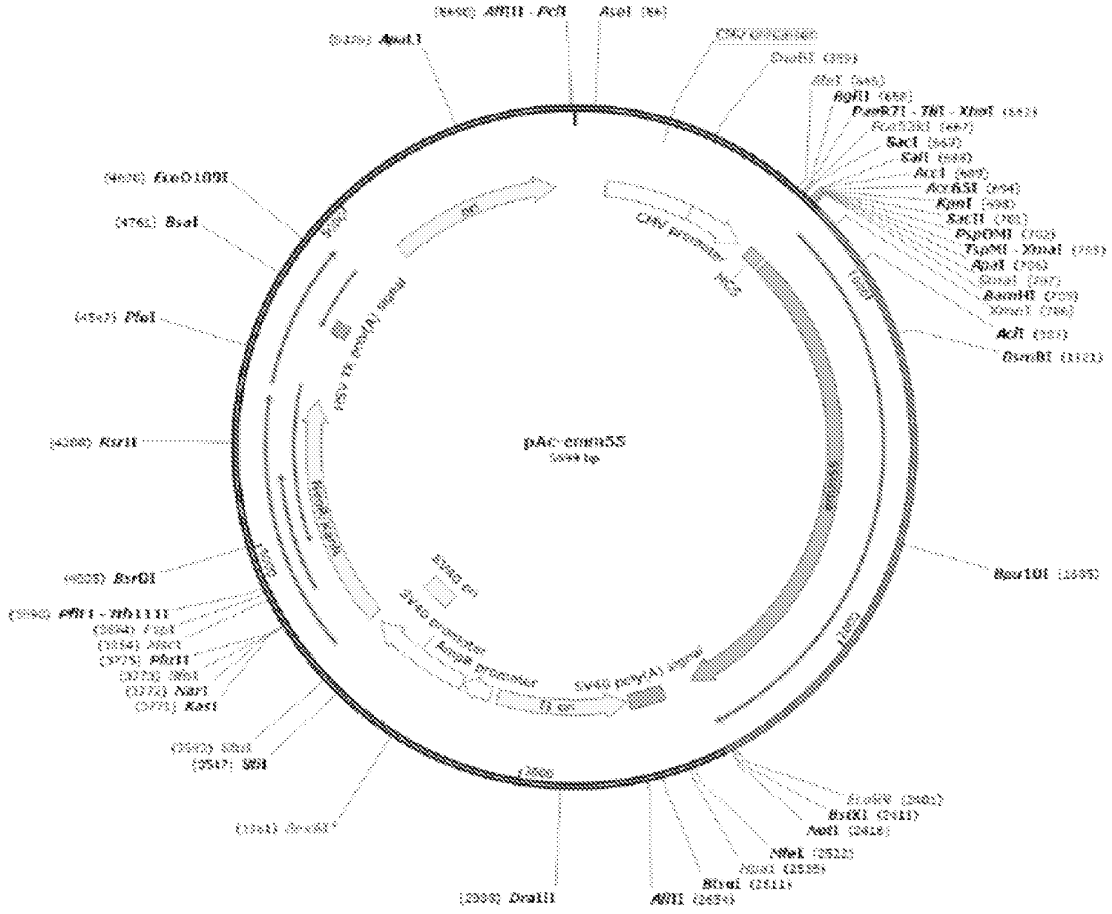

pAc-cmm55
5999 bp
CMV promoter
hCas9
SV40 NLS
T2A
mCherry
SV40 poly(A) signal
U6 promoter
sgRNA scaffold
EcoRI
BsrGI
BsaI
PleI
KasII
BsaBI (3103)
AclI (703)
XmaI (707)
AgeI (706)
BamHI (709)
XbaI (715)
SacII (780)
KpnI (788)
Acc65I (794)
SacI (809)
AvrII (1)
NheI (25122)
BtsαI (25111)
AflII (24954)
BsrGI (24818)
AscI (24818)
BssHII (24813)
EcoRV (24812)
BsaI (13043)
BsrGI (13043)
PflFI - Tth111I
SbfI
AflII
NdeI
KasI
SBI
BsaI
BsrGI
EcoRI
BsaBI (3103)
BamHI (709)
AgeI (706)
XmaI (707)
AclI (703)
SacII (780)
KpnI (788)
Acc65I (794)
SacI (809)
NheI (25122)
BtsαI (25111)
AflII (24954)
BsrGI (24818)
AscI (24818)
BssHII (24813)
EcoRV (24812)
BsaI (13043)
BsrGI (13043)
PflFI - Tth111I
SbfI
AflII
NdeI
KasI
SBI
BsaI
BsrGI
EcoRI

FIG. 1