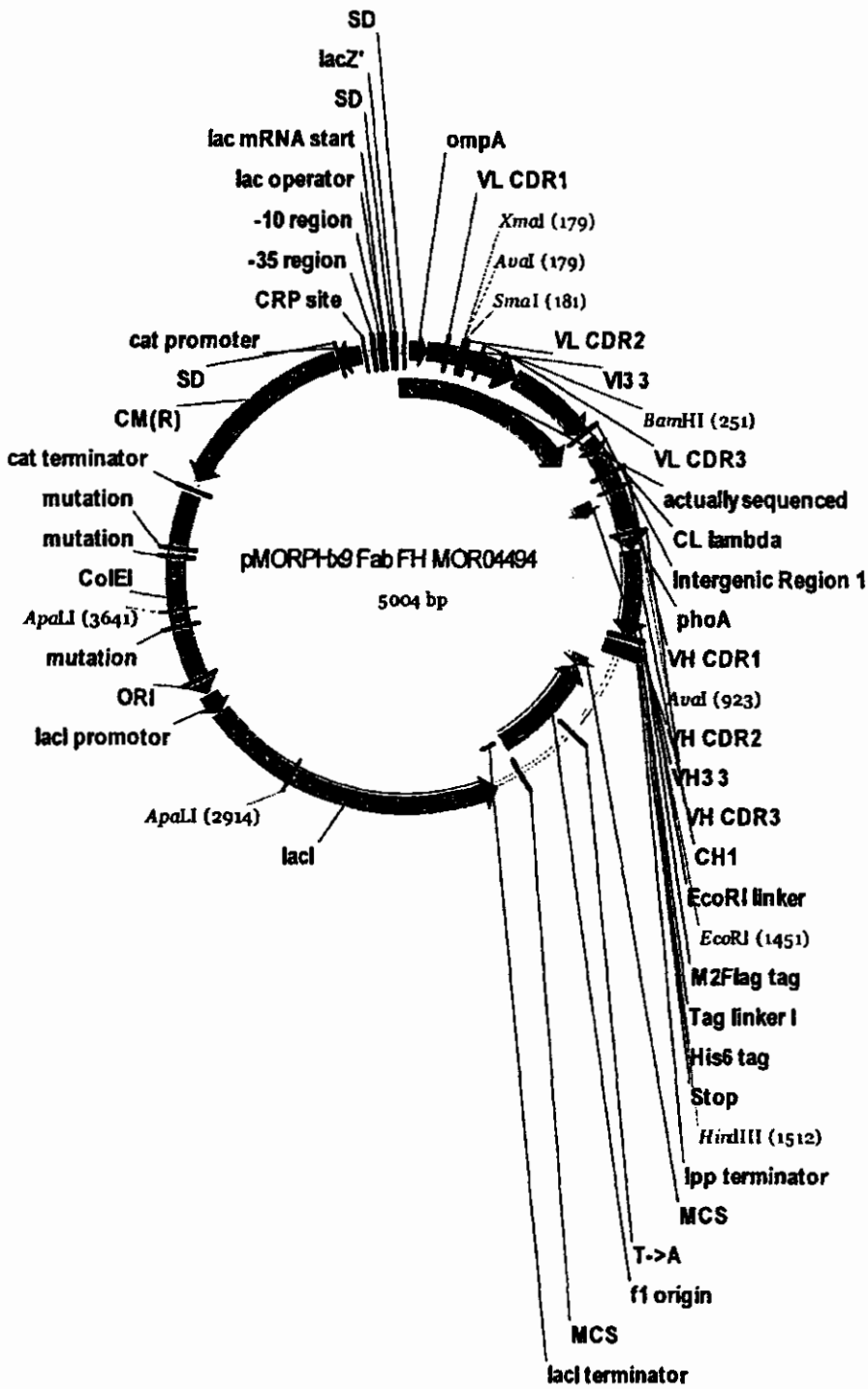
Figure 1


SD
lacZ'
SD
lac mRNA start
lac operator
-10 region
-35 region
CRP site
cat promoter
SD
CM(R)
cat terminator
mutation
mutation
ColEI
ApaLI (3641)
mutation
ORI
lacI promotor
ApaLI (2914)
lacI
ompA
VL CDR1
XmaI (179)
AvaI (179)
SmaI (181)
VL CDR2
VI3 3
BamHI (251)
VL CDR3
actually sequenced
CL lambda
Intergenic Region 1
phoA
VH CDR1
AvaI (923)
VH CDR2
VH3 3
VH CDR3
CH1
EcoRI linker
EcoRI (1451)
M2Flag tag
Tag linker I
His6 tag
Stop
HindIII (1512)
lpp terminator
MCS
T->A
f1 origin
MCS
lacI terminator
pMORPH-b9 Fab FH MOR04494
5004 bp