pcDNA3.1+N-eGFP
6.1kb

CMV promoter

Nhe I
Afl II
Hind III

Kozak

eGFP

Kpn I
BamH I
EcoR I
EcoR V
Not I
Xho I
Xba I
Apa I

MCS

f1 ori

SV40 promoter

NeoR

pUC ori

AmpR

Hind III

eGFP

--- AGC TGG CTA GCG TTT AAA CTT AAG CTT GCC ACC ATG AGC AAG GGC ... 684bp ... ATG GAC GAG CTG TAC AAG
         Nhe I   *Afl* II   Kozak seq M   S   K   G ...228aa... M   D   E   L   Y   K

Not I

GGT ACC GAG CTC GGA TCC GAA TTC TGC AGA TAT CCA GCA CAG TGG CGG CCG CTC GAG TCT AGA GGG CCC GTT TAA AC ---
   Kpn I   *BamH* I   *EcoR* I   *EcoR* V   *Xho* I   *Xba* I   *Apa* I