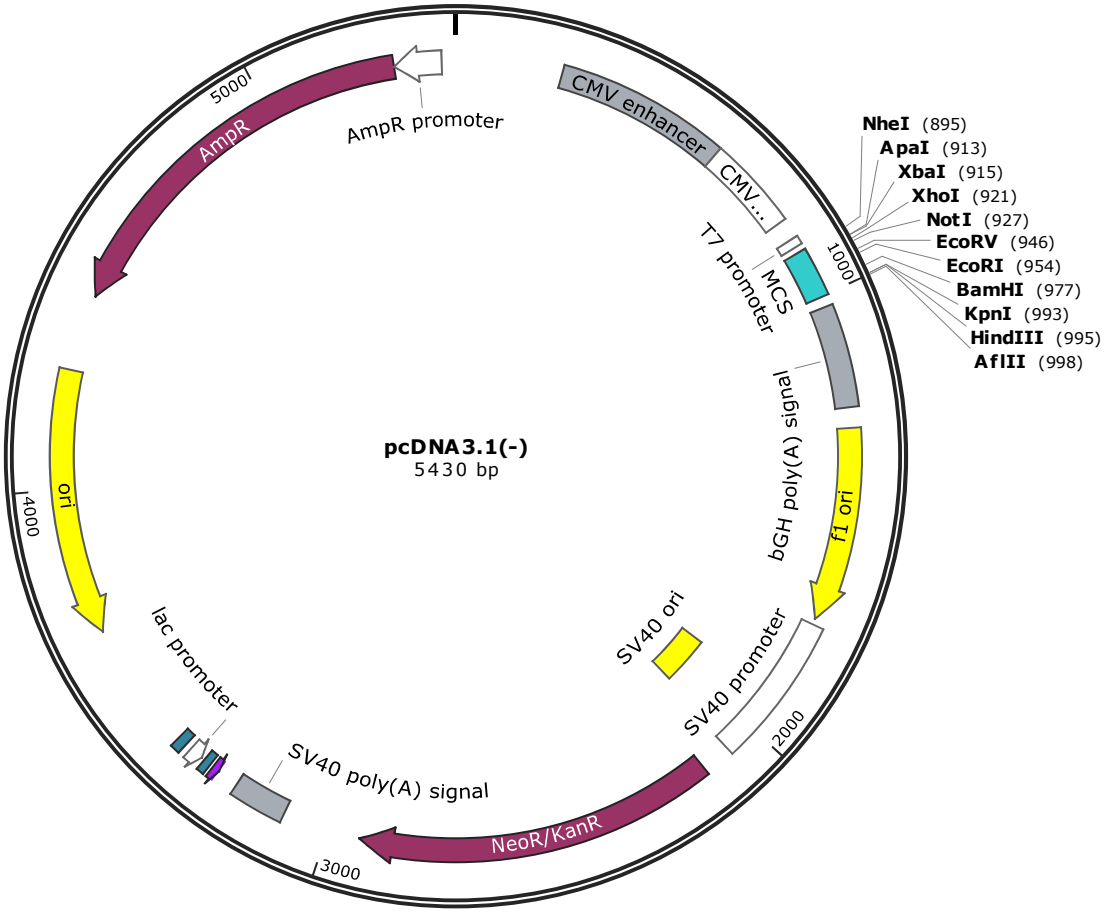
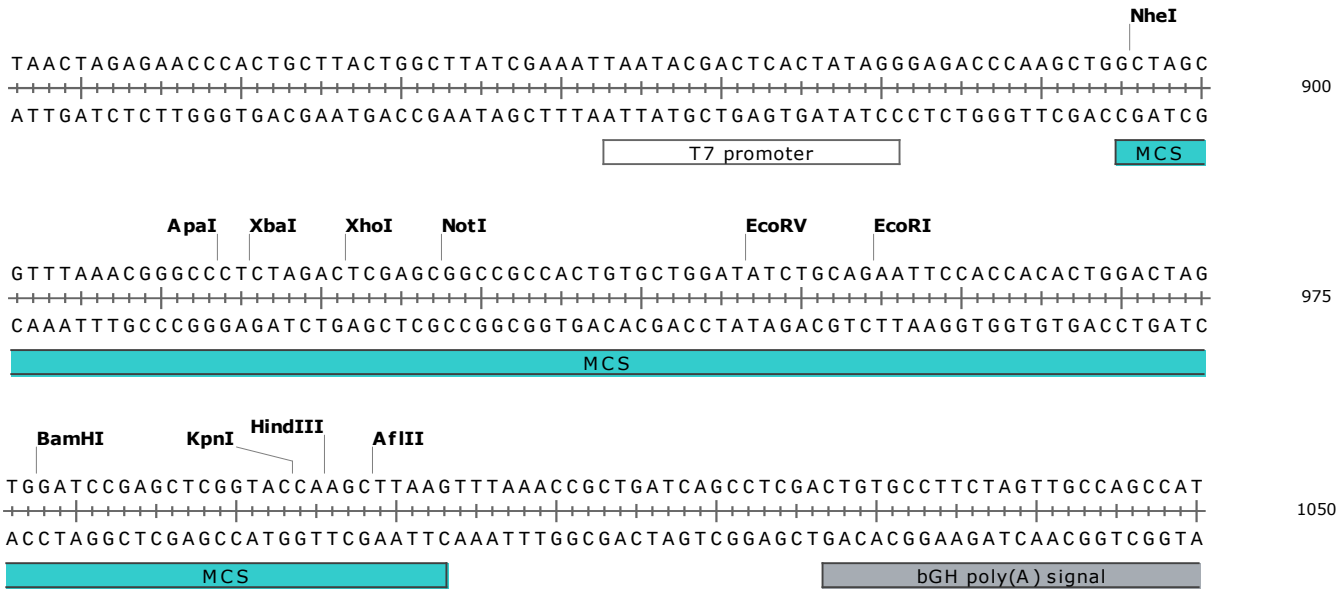

pcDNA3.1(-)
5430 bp
AmpR
AmpR promoter
CMV enhancer
CMV...
T7 promoter
MCS
bGH poly(A) signal
f1 ori
SV40 ori
SV40 promoter
NeoR/KanR
SV40 poly(A) signal
lac promoter
ori
1000
2000
3000
4000
5000
NheI (895)
ApaI (913)
XbaI (915)
XhoI (921)
NotI (927)
EcoRV (946)
EcoRI (954)
BamHI (977)
KpnI (993)
HindIII (995)
AflII (998)


NheI
TAACTAGAGAACCCACTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGGAGACCCAAGCTGGCTAGC
ATTGATCTCTTGGGTGACGAATGACCGAATAGCTTTAATTATGCTGAGTGATATCCCTCTGGGTTCGACCGATCG
900
T7 promoter
MCS
ApaI
XbaI
XhoI
NotI
EcoRV
EcoRI
GTTTAAACGGGCCCTCTAGACTCGAGCGGCCGCCACTGTGCTGGATATCTGCAGAATTCCACCACACTGGACTAG
CAAATTTGCCCGGGAGATCTGAGCTCGCCGGCGGTGACACGACCTATAGACGTCTTAAGGTGGTGTGACCTGATC
975
MCS
BamHI
KpnI
HindIII
AflII
TGGATCCGAGCTCGGTACCAAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCCTTCTAGTTGCCAGCCAT
ACCTAGGCTCGAGCCATGGTTCGAATTCAAATTTGGCGACTAGTCGGAGCTGACACGGAAGATCAACGGTCGGTA
1050
MCS
bGH poly(A) signal