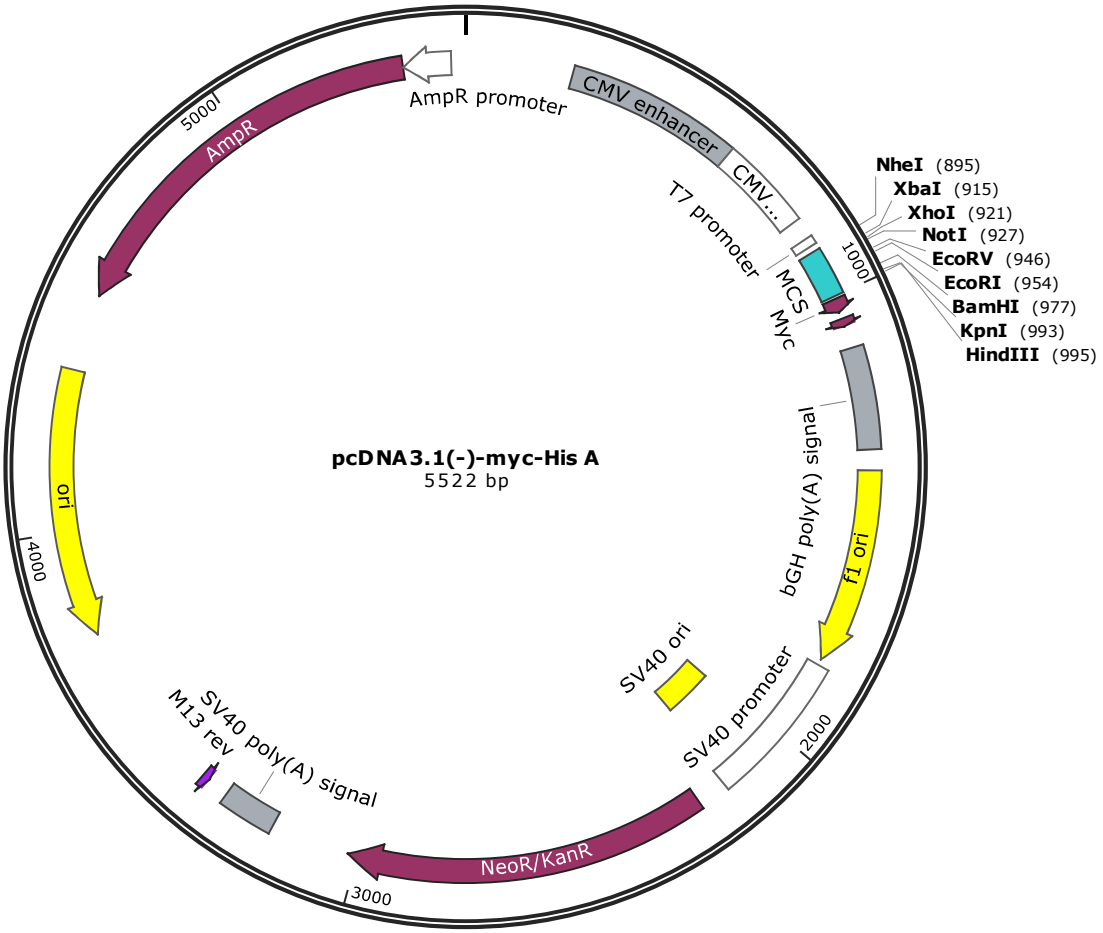
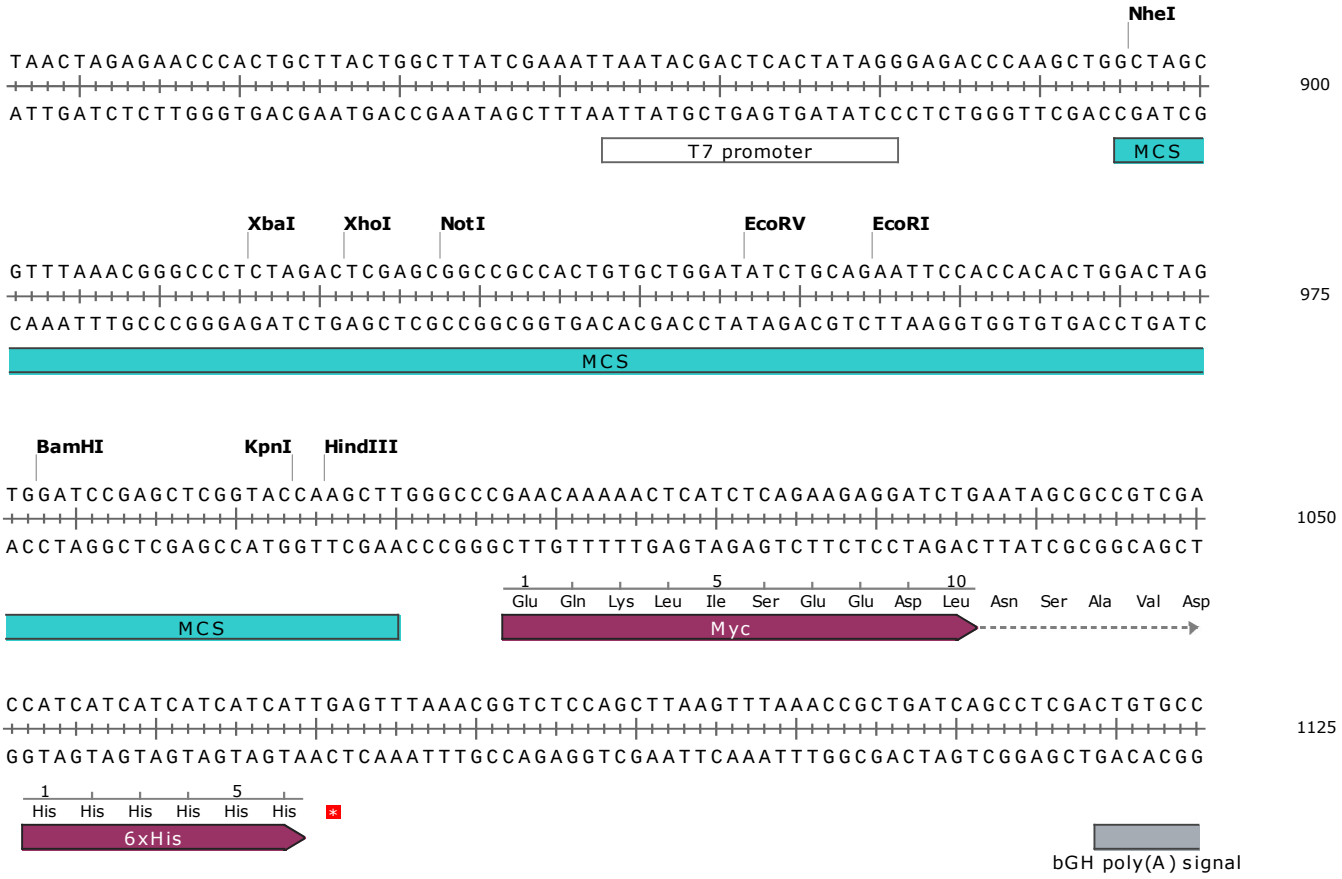

pcDNA3.1(-)-myc-His A
5522 bp
AmpR promoter
AmpR
5000
CMV enhancer
CMV...
T7 promoter
MCS
Myc
1000
NheI (895)
XbaI (915)
XhoI (921)
NotI (927)
EcoRV (946)
EcoRI (954)
BamHI (977)
KpnI (993)
HindIII (995)
bGH poly(A) signal
f1 ori
SV40 promoter
2000
SV40 ori
NeoR/KanR
3000
SV40 poly(A) signal
M13 rev
ori
4000


NheI
TAACTAGAGAACCCACTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGGAGACCCAAGCTGGCTAGC
ATTGATCTCTTGGGTGACGAATGACCGAATAGCTTTAATTATGCTGAGTGATATCCCTCTGGGTTCGACCGATCG
900
T7 promoter
MCS
XbaI
XhoI
NotI
EcoRV
EcoRI
GTTTAAACGGGCCCTCTAGACTCGAGCGGCCGCCACTGTGCTGGATATCTGCAGAATTCCACCACACTGGACTAG
CAAATTTGCCCGGGAGATCTGAGCTCGCCGGCGGTGACACGACCTATAGACGTCTTAAGGTGGTGTGACCTGATC
975
MCS
BamHI
KpnI
HindIII
TGGATCCGAGCTCGGTACCAAGCTTGGGCCCGAACAAAAACTCATCTCAGAAGAGGATCTGAATAGCGCCGTCGA
ACCTAGGCTCGAGCCATGGTTCGAACCCGGGCTTGTTTTTGAGTAGAGTCTTCTCCTAGACTTATCGCGGCAGCT
1050
1 5 10
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Ser Ala Val Asp
MCS
Myc
CCATCATCATCATCATCATTGAGTTTAAACGGTCTCCAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCC
GGTAGTAGTAGTAGTAGTAACTCAAATTTGCCAGAGGTCGAATTCAAATTTGGCGACTAGTCGGAGCTGACACGG
1125
1 5
His His His His His His
6xHis
bGH poly(A) signal