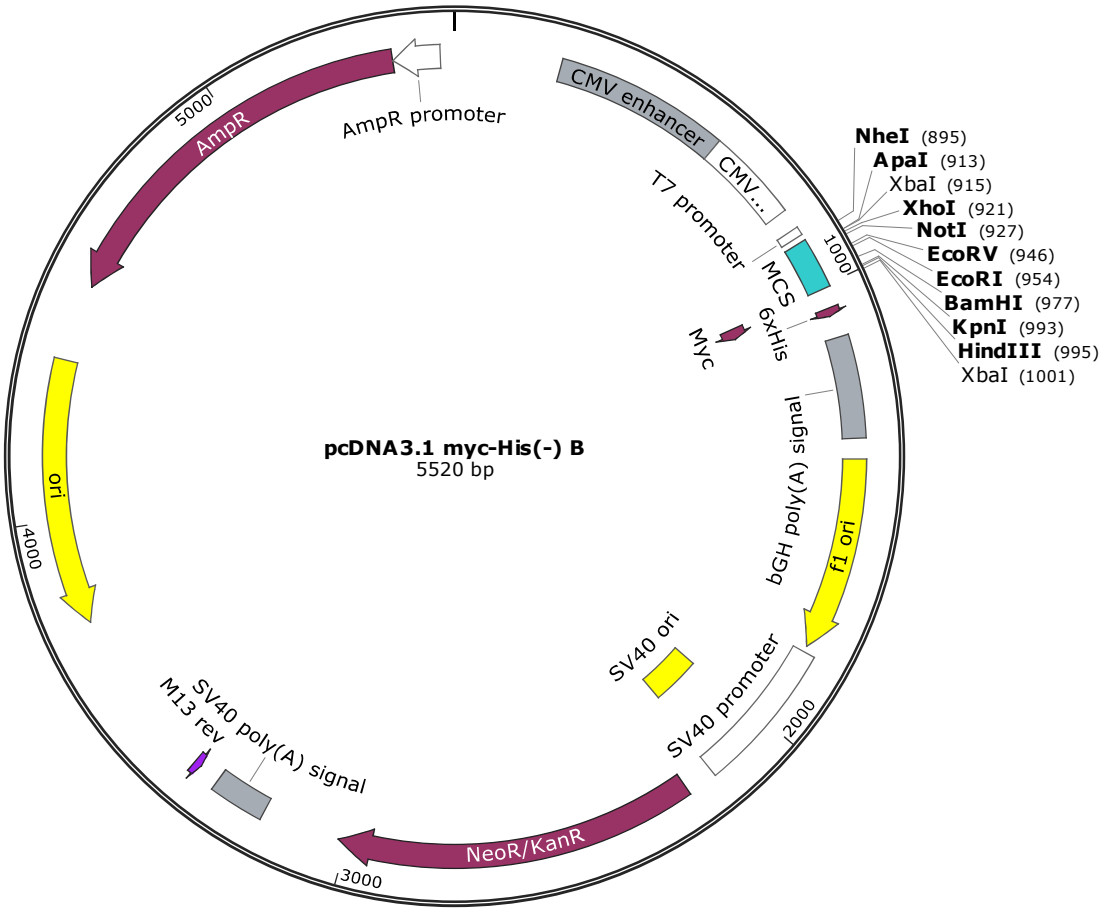

NheI

TAACTAGAGAACCCACTGCTTACTGGCTTATCGAAATTAATACGACTCACTATAGGGAGACCCAAGCTGGCTAGC 900

ATTGATCTCTTGGGTGACGAATGACCGAATAGCTTTAATTATGCTGAGTGATATCCCTCTGGGTTCGACCGATCG

T7 promoter MCS

ApaI XbaI XhoI NotI EcoRV EcoRI

GTTTAAACGGGCCCTCTAGACTCGAGCGGCCGCCACTGTGCTGGATATCTGCAGAATTCCACCACACTGGACTAG 975

CAAATTTGCCCGGGAGATCTGAGCTCGCCGGCGGTGACACGACCTATAGACGTCTTAAGGTGGTGTGACCTGATC

MCS

BamHI KpnI HindIII XbaI

TGGATCCGAGCTCGGTACCAAGCTTTCTAGAACAAAAACTCATCTCAGAAGAGGATCTGAATAGCGCCGTCGACC 1050

ACCTAGGCTCGAGCCATGGTTCGAAAGATCTTGTTTTTGAGTAGAGTCTTCTCCTAGACTTATCGCGGCAGCTGG

1 5 10
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn Ser Ala Val Asp

Myc (in frame with Myc) 6xHis

MCS

ATCATCATCATCATCATTGAGTTTAAACGGTCTCCAGCTTAAGTTTAAACCGCTGATCAGCCTCGACTGTGCCTT 1125

TAGTAGTAGTAGTAGTAACTCAAATTTGCCAGAGGTCGAATTCAAATTTGGCGACTAGTCGGAGCTGACACGGAA

1 5
His His His His His His *

6xHis

bGH poly(A) signal