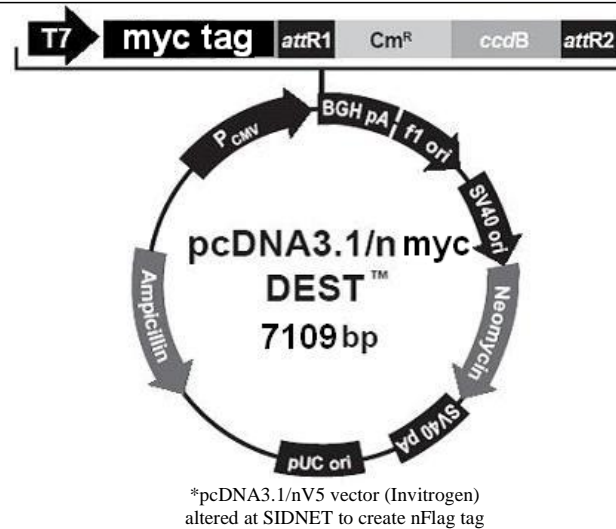


pcDNA3.1/nMyc-DEST Vector Map and Polylinker

CMV promoter: bases 232-819
 T7 promoter/priming site: bases 863-882
 Myc tag: bases 914-943
 attR1 recombination site: bases 980-1104
 Chloramphenicol resistance gene: bases 1213-1872
 ccdB gene: bases 2214-2519
 attR2 recombination site: bases 2560-2684
 BGH Reverse priming site: bases 2703-2720
 BGH polyadenylation region: bases 2706-2933
 f1 origin: bases 2979-3407
 SV40 early promoter and origin: bases 3434-3742
 Neomycin resistance gene (ORF): bases 3817-4611
 SV40 early polyadenylation region: bases 4785-4915
 pUC origin: bases 5298-5968
 Ampicillin resistance gene (ORF): bases 6113-6973 (complementary strand)



T7 promoter/priming site
 851 GCTTATCGAA ATTAATACGA CTCACTATAG GGAGACCCAA GCTGGCTAGT TAAGCTTACC

Myc tag
 M **E Q K L I S E E D L** Q G
 911 ATG GAA CAA AAA CTC ATC TCA GAA GAG GAT CTG CAG GGC
 TAC CTT GTT TTT GAG TAG AGT CTT CTC CTA GAC GTC CCG

950 Pro Asp Pro Ser Thr Asn Ser Ala Asp Ile
 CCG GAT CCG TCG ACG AAT TCT GCA GAT ATC

980 Thr Ser Leu Tyr Lys Lys Ala Gly
 ACA AGT TT**G TAC AAA** AAA GCA GGC TN- --- gene --- NACCCAGCTT TCTTG
 TGT TCA AAC ATG TTT TTT CGT CCG AN- --- gene --- NTGGGTCGAA AGAAC

attB1 attB2
 BGH Reverse priming site
 2674 TACAAAGTGG TGATAAACCC GCTGATCAGC CTCGACTGTG CCTTCTAGTT GCCAGCCATC
ATGTTTCCACC ACTATTTCCC