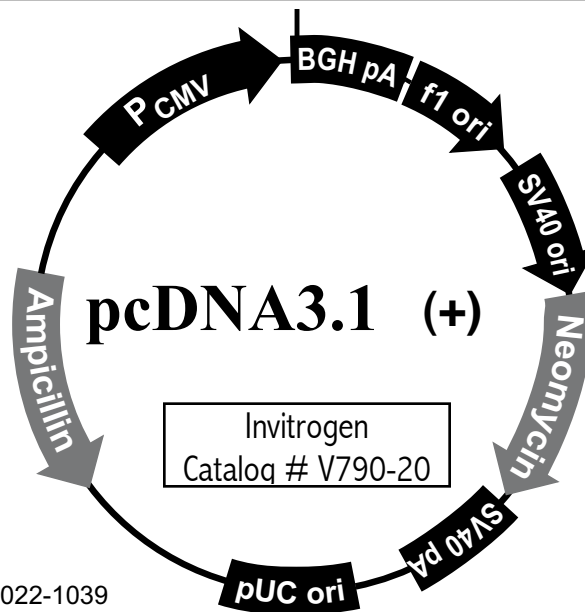
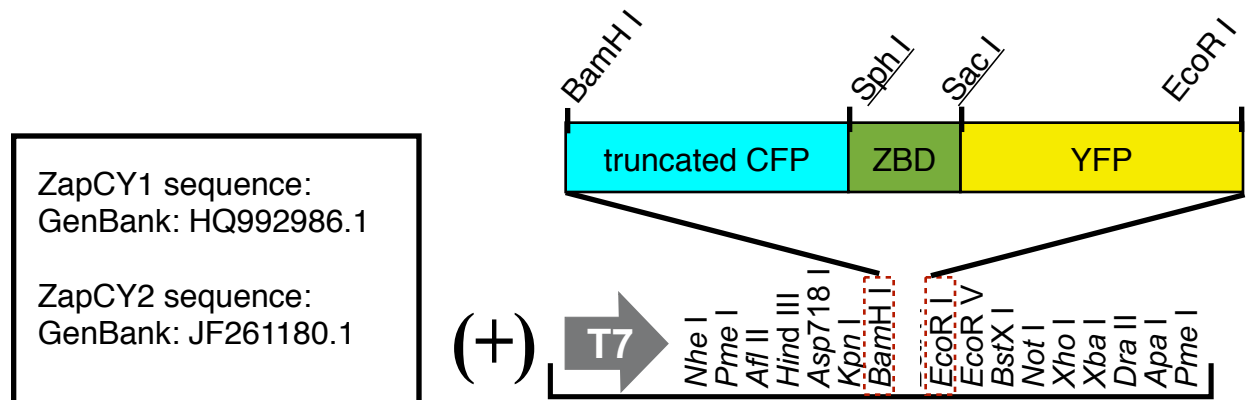


ZapCY1 Zinc-Binding Domain (ZBD)

GC ATG CAT AAA AAC AAT GAC TTA AAA TGC AAA TGG AAA GAA TGT CCT GAG TCT TGT AGC
TCA CTA TTT GAC CTA CAA AGA CAT CTT TTG AAG GAT CAT GTC TCT CAA GAT TTC AAA CAC
CCT ATG GAA CCA TTA GCT TGT AAT TGG GAG GAC TGT GAT TTC CTT GGA GAT GAT ACA TGT
TCC ATA GTG AAC CAT ATT AAT TGT CAA CAT GGT ATC GAG CTC

ZapCY2 ZBD

GC ATG CAT AAA AAC AAT GAC TTA AAA **CAC** AAA TGG AAA GAA **TGT** CCT GAG TCT TGT AGC
TCA CTA TTT GAC CTA CAA AGA CAT CTT TTG AAG GAT CAT GTC TCT CAA GAT TTC AAA CAC
CCT ATG GAA CCA TTA GCT **CAT** AAT TGG GAG GAC **TGT** GAT TTC CTT GGA GAT GAT ACA TGT
TCC ATA GTG AAC CAT ATT AAT TGT CAA CAT GGT ATC GAG CTC



Comments for pcDNA3.1 (+)

5428 nucleotides

CMV promoter: bases 232-819
T7 promoter/priming site: bases 863-882
Multiple cloning site: bases 895-1010
pcDNA3.1/BGH reverse priming site: bases 1022-1039
BGH polyadenylation sequence: bases 1028-1252
f1 origin: bases 1298-1726
SV40 early promoter and origin: bases 1731-2074
Neomycin resistance gene (ORF): bases 2136-2930
SV40 early polyadenylation signal: bases 3104-3234
pUC origin: bases 3617-4287 (complementary strand)
Ampicillin resistance gene (*bla*): bases 4432-5428 (complementary strand)
ORF: bases 4432-5292 (complementary strand)
Ribosome binding site: bases 5300-5304 (complementary strand)
bla promoter (P3): bases 5327-5333 (complementary strand)

Adapted from pcDNA3.1 manual
Version | 081401 28-0104