

B Gumbiner

(Δ35aa Rinnmuntaha!)

head/α cat - pCDNA3

Plasmid name head-pCDNA3 (#1/2)

Drug resist. AMP^r; G418^r

Constructed by Cara Joffardi

Date constructed see 6.16.97

Gene/other names

Vector (name, size) pCDNA3 ; 5.4 kb

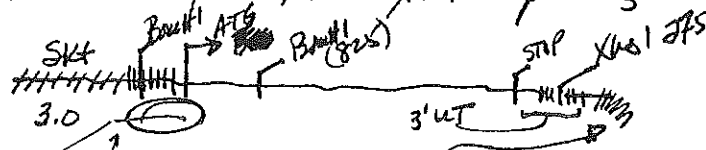
Insert (name, size)

BamHI - XhoI partial fragment inserted into BamHI/XhoI site in pCDNA3

Storage: Plasmid preps (name, location)

In host (name, location)

Purpose and notes



polylinker of unknown site; Acc original map from D. Rimm. Remarkably incomplete map.

many extra sites carried here; sequenced - 6/17/97 using T3 primer → Acc attached

Mode of construction (summary):

Isolated BamHI-XhoI partial; subcloned into pCDNA3; screened in COS-7 cells. Expresses well -

But - sequence analysis reveals at least 35 amino acids missing from D. Rimm's clone; this is mostly, though not

act# ... 841 842 843. Δ35. ... LSS(H) · STOP.

completely through the β-cat binding domain - as determined by (Kumler +)

Nucleotide sequence:

CTG CTAGTCTGAGCTCC ACTTANACGGCGANGACG TNGCGA...
A S L S S

843 a.a.

? unknown seq? Bluescript seq(?)

* 10.31.97: THIS CONSTRUCT DOES NOT EFFICIENTLY CO-IP β-catenin.