



**Comments for pAd/CMV/V5-GW/lacZ
37567 nucleotides**

Human Ad5 sequences (wt 1-458; includes 5' L-ITR and packaging signal): 1-458

pAd forward priming site: bases 361-384

CMV promoter: bases 728-1315

T7 promoter/priming site: bases 1359-1378

attB1 site: bases 1407-1431

lacZ ORF: bases 1452-4508

attB2 site: bases 4528-4552

V5 epitope: bases 4578-4619

TK polyadenylation signal: bases 4646-4917

Human Ad5 sequences (wt 3513-35935; E3 region deleted, includes 3' R-ITR): bases 4937-35485

pAd reverse priming site: bases 4940-4963

pUC origin: bases 35662-36323 (C)

Ampicillin (*bla*) resistance gene: bases 36449-37309 (C)

bla promoter: bases 37310-37408 (C)

Pac I restriction sites: bases 35491 and 37565

(C) = complementary strand