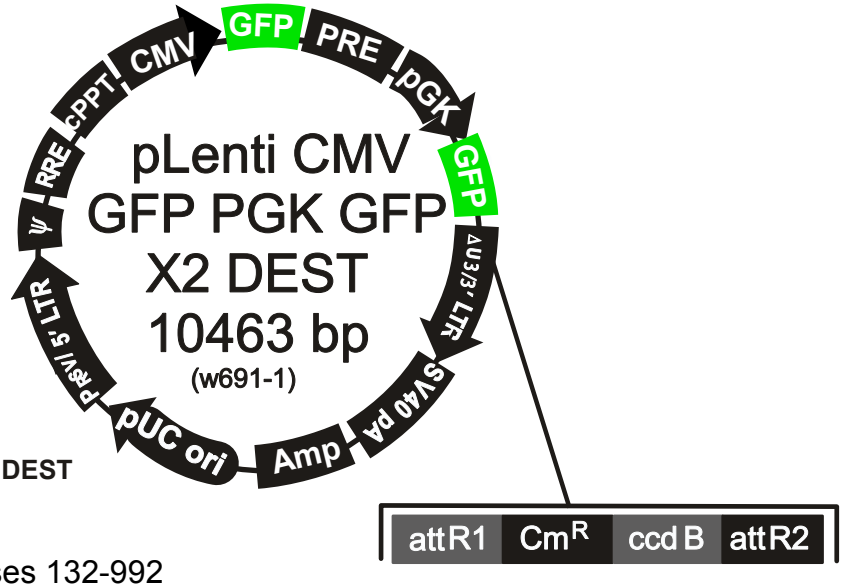

Comments for pLenti CMV GFP X2 DEST
10463 nucleotides

bla promoter: bases 32-131
ampicillin resistance gene: bases 132-992
pUC origin: bases 1138-1810
RSV/5LTR hybrid promoter: bases 2218-2628
HIV-1 psi (ψ)packaging signal: bases 2736-2781
HIV-1 Rev response element (RRE): bases 3272-3525
3 splice acceptor: base 3862
3 splice acceptor: base 3901
Central polypurine tract (cPPT): bases 4011-4073
CMV promoter: bases 4145-4730
Green Fluorescent Protein (GFP): bases 4755-5474
Woodchuck post-transcriptional element (PRE): bases 5489-6083
Human phosphoglycerate kinase (pGK) promoter: bases 6087-6606
Enhanced Green Fluorescent Protein (GFP) cDNA: bases 6624-7343
ΔU3/3'LTR: bases 7369-9436
*att*R2 site: bases 7602-7478
*ccd*B gene: bases 7948-7643
Chloramphenicol resistance gene (Cm): bases 8949-8289
*att*R1 site: bases 9183-9059
SV40 polyadenylation signal: bases 9508-9661

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival under ampicillin and chloramphinecol selection.

NOTE: The position of the genetic elements is approximative.

Eric Campeau January 2010