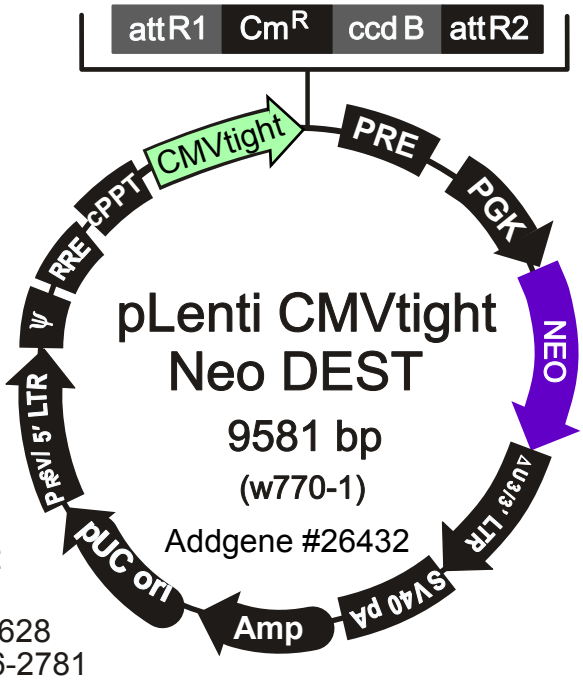


Comments for pLenti CMVtight Neo DEST
9581 nucleotides

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
CMVtight promoter: bases 4160-4473
*att*R1 site: bases 4548-4673
Chloramphenicol resistance gene (Cm): bases 4782-5441
*ccd*B gene: bases 5783-6088
*att*R2 site: bases 6127-6254
Woodchuck post-transcriptional element (PRE): bases 6283-6876
Murine phosphoglycerate kinase (PGK) promoter: bases 6904-7412
Neomycin resistance gene: bases 7428-8231
ΔU3/3'LTR: bases 8321-8559
SV40 polyadenylation signal: bases 8627-8762

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival' under ampicillin and chloramphinecol selection.
The CMVtight promoter was a gift from Dr. Dominic Esposito (SAIC Frederick).

NOTE: The position of the genetic elements is approximative.

Eric Campeau June 2010