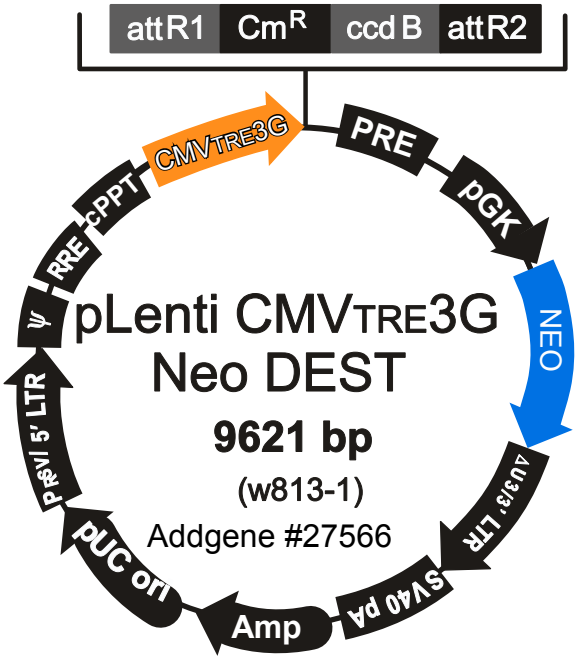


Comments for pLenti CMVTRE3G Neo DEST
9621 nucleotides

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
CMVTRE3G promoter: bases 4168-4543
*att*R1 site: bases 4588-4713
Chloramphenicol resistance gene (Cm): bases 4822-5481
*ccd*B gene: bases 5823-6128
*att*R2 site: bases 6168-6294
Woodchuck post-transcriptional element (PRE): bases 6323-6915
Murine phosphoglycerate kinase (PGK) promoter: bases 6944-7455
Neomycin resistance gene: bases 7468-8271
ΔU3/3'LTR: bases 8361-8599
SV40 polyadenylation signal: bases 8666-8802

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival' under ampicillin AND chloramphinecol selection.
The CMVTRE3G promoter was a gift from Dr. Dominic Esposito (SAIC Frederick).

NOTE: The position of the genetic elements is approximative.

Eric Campeau January 2011