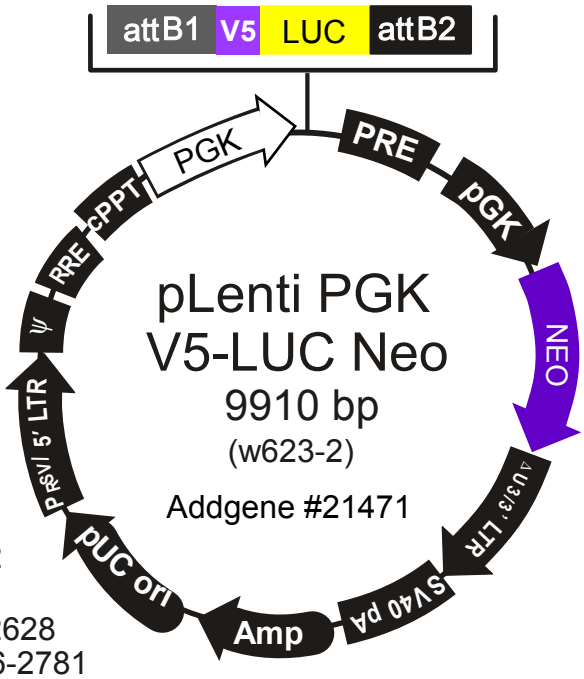


Comments for pLenti PGK V5-LUC Neo
9910 nucleotides

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
Human phosphoglycerate kinase (PGK) promoter: bases 4179-4694
*att*B1site: bases 4745-4770
V5-LUC: bases 4776-6551
*att*B2 site: bases 6558-6582
Woodchuck post-transcriptional element (PRE): bases 6612-7205
Murine phosphoglycerate kinase (pGK) promoter: bases 7235-7743
Neomycin resistance gene: bases 7757-8560
ΔU3/3'LTR: bases 8651-8884
SV40 polyadenylation signal: bases 8955-9108

Recommended *E.coli* strain for propagation: Stbl3 under ampicillin selection.

NOTE: The position of the genetic elements is approximative.

Eric Campeau May 2009