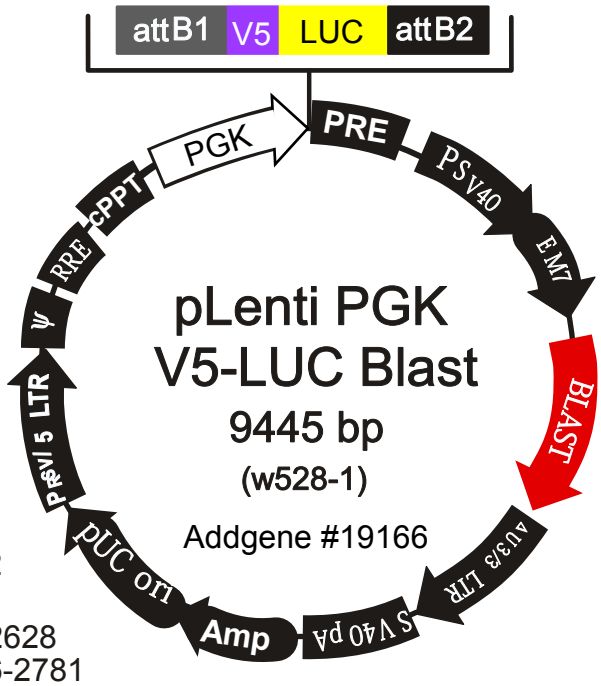


comment s for pLenti PGK V5-LUC Blast
9445 nucleotides

bla promoter: bases 32-131
ampicillin resistance gene: bases 132-982
pUC origin: bases 1138-1810
RSV/5'LTR 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
Phosphoglycerate kinase (PGK) promoter: bases 4180-4695
*att*B1 site: bases 4746-4770
V5 epitope: bases 4776-4823
Firefly Luciferase (LUC): bases 4830-6551
*att*B2 site: bases 6558-6582
Woodchuck post-transcriptional element (PRE): bases 6612-7205
SV40 early promoter and origin: bases 7253-7595
EM7 promoter: bases 7635-7700
Blasticidin resistance gene: bases 7701-8099
ΔU3/3'LTR: bases 8187-8419
SV40 polyadenylation signal: bases 8490-8643

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau July 2008