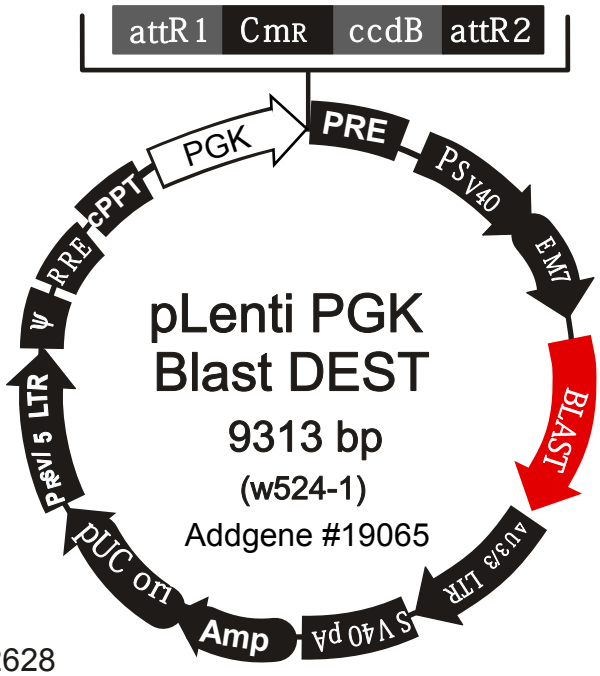


comment s for pLenti PGK Blast DEST
9313 nucleotides

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*R1 site: bases 4745-4869
Chloramphenicol resistance gene (Cm): bases 4979-5638
*ccd*B gene: bases 5980-6285
*att*R2 site: bases 6323-6451
Woodchuck post-transcriptional element (PRE): bases 6480-7073
SV40 early promoter and origin: bases 7121-7463
EM7 promoter: bases 7503-7568
Blasticidin resistance gene: bases 7569-7967
ΔU3/3'LTR: bases 8055-8287
SV40 polyadenylation signal: bases 8358-8511

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival'

NOTE: The position of the genetic elements is approximative.

Eric Campeau July 2008