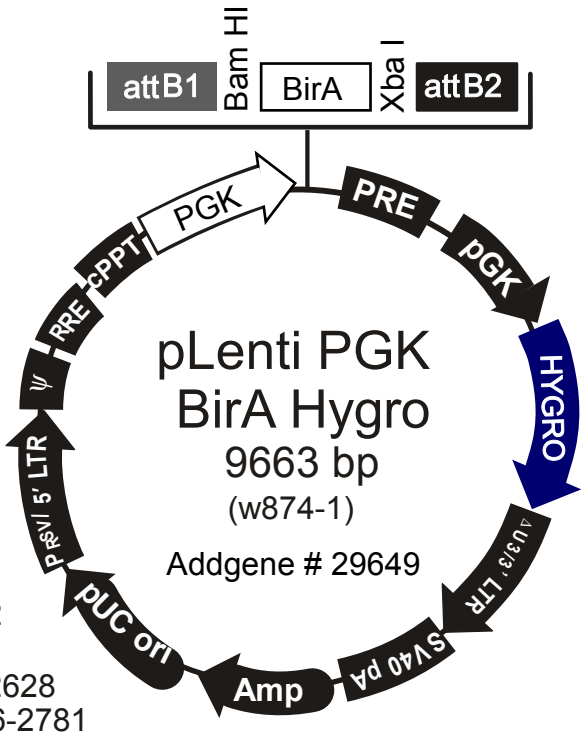


Comments for pLenti PGK BirA Hygro
9663 nucleotides

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
E.coli BirA biotin ligase: bases 4807-5787
*att*B2 site: bases 5788-5812
Woodchuck post-transcriptional element (PRE): bases 5842-6435
Murine phosphoglycerate kinase (pGK) promoter: bases 6441-6986
Hygromycin resistance gene: bases 7004-8030
ΔU3/3'LTR: bases 8403-8635
SV40 polyadenylation signal: bases 8709-8844

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau April 2011