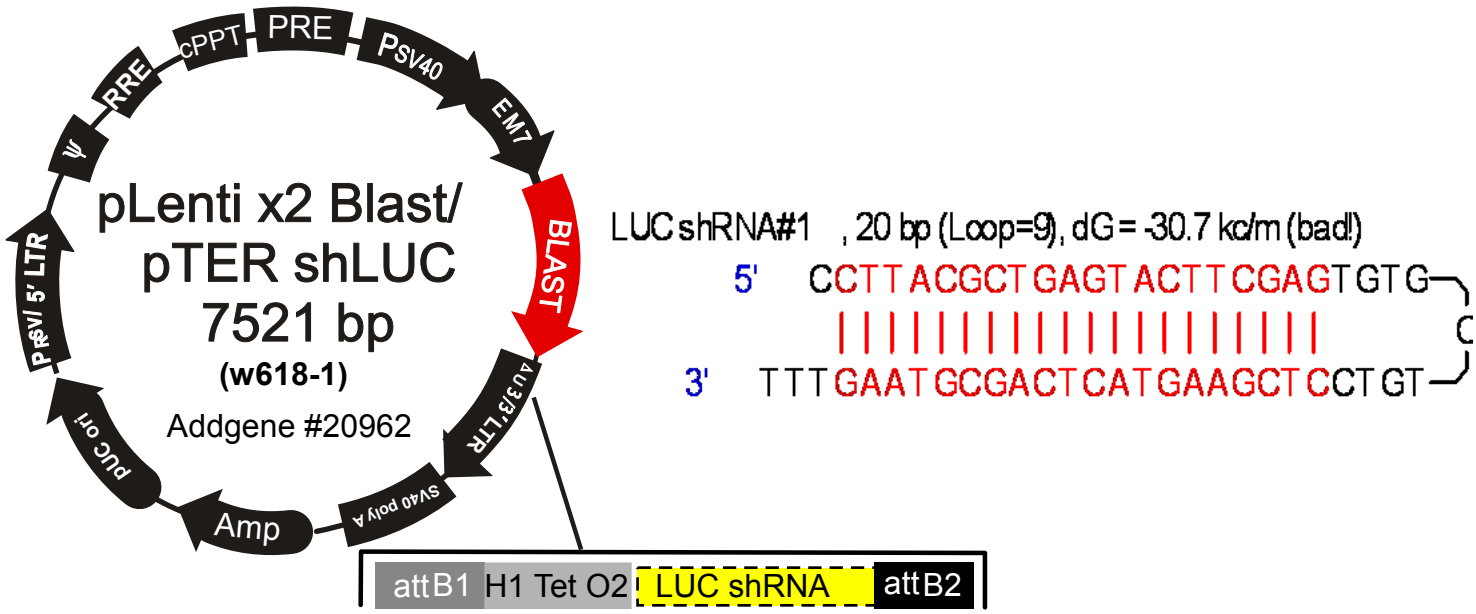


Comments for pLenti X2 Blast/pTER shLUC
7521 nucleotides

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
Woodchuck post-transcriptional element (PRE): bases 4182-4774
SV40 promoter: bases 4823-5164
EM7 promoter: bases 5205-5270
Blasticidin resistance gene: bases 5271-5669
ΔU3/3'LTR: bases 5690-6495
attB2 site: bases 5823-5799
Firefly Luciferase (LUC) shRNA: bases 5953-5904
H1/TO promoter: bases 6179-5954
attB1 site: bases 6240-6216
SV40 polyadenylation signal: bases 6566-6719

Recommended *E.coli* strain for propagation: Stbl3 under ampicillin selection.
The position of the genetic elements is approximative.

Eric Campeau May 2009