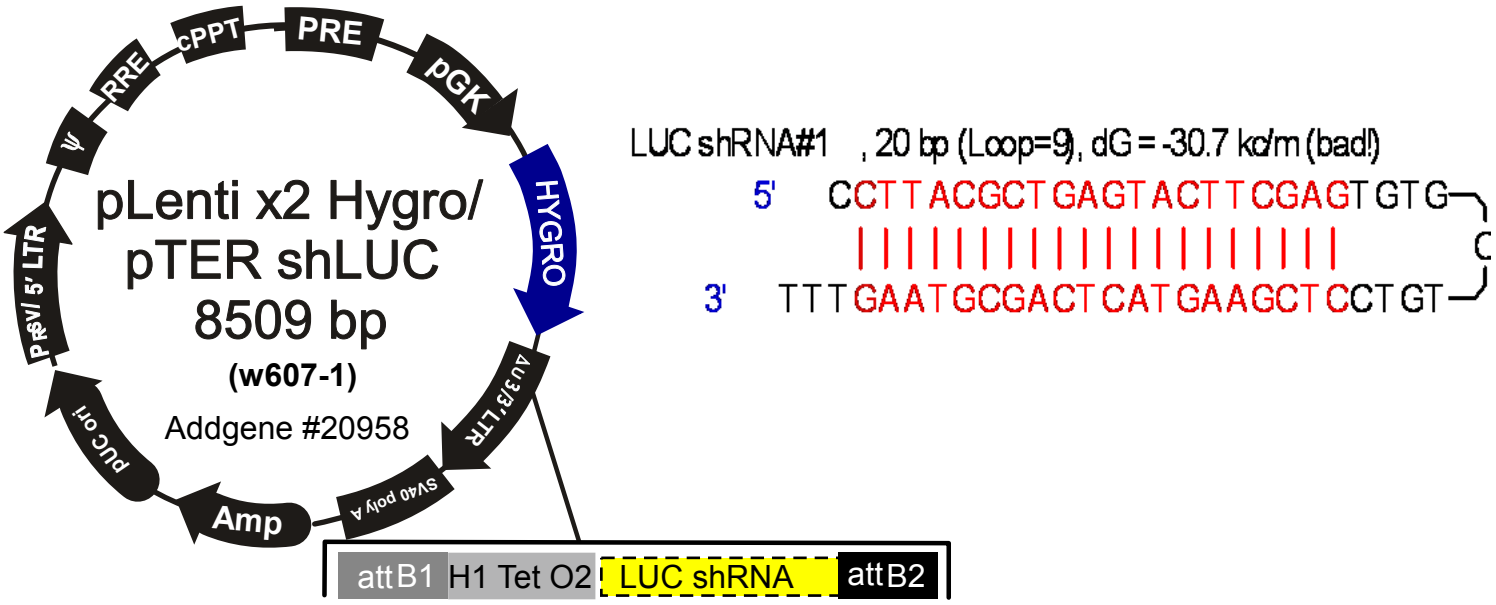


Comments for pLenti X2 Hygro/pTER shLUC
8509 nucleotides

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
Murine phosphoglycerate kinase (pGK) promoter: bases 4780-5284
Hygromycin resistance gene: bases 5344-6370
ΔU3/3'LTR: bases 6743-7483
attB2 site: bases 6811-6787
Firefly Luciferase (LUC) shRNA: bases 6941-6891
H1/TO promoter: bases 7167-6947
attB1 site: bases 7204-7228
SV40 polyadenylation signal: bases7554-7707

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau March 2009