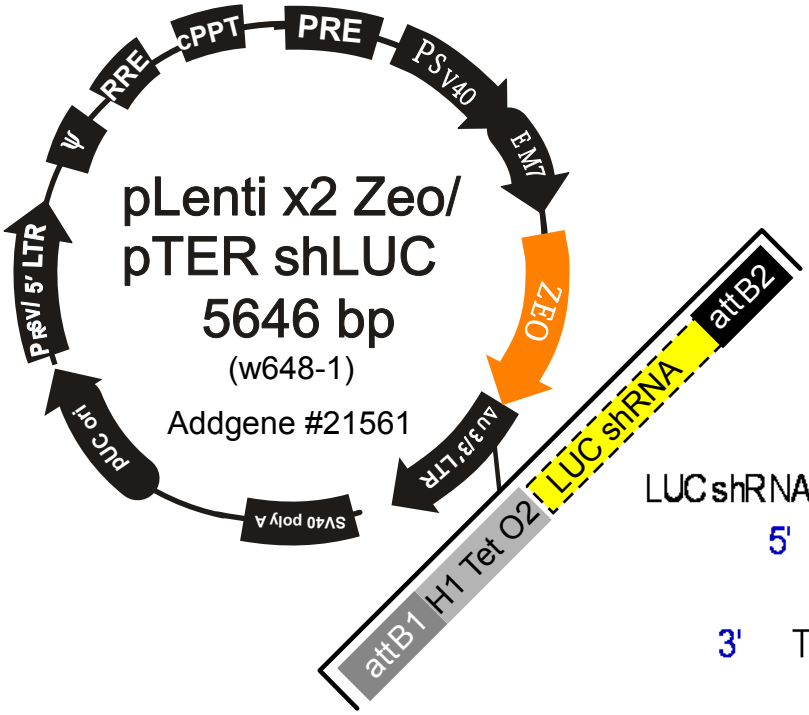
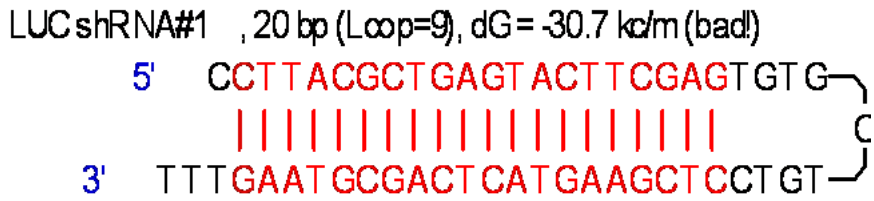




Comments for pLenti X2 Zeo/pTER shLUC
5646 nucleotides

pUC origin: bases 48-714
RSV/5LTR hybrid promoter: bases 1127-1537
HIV-1 psi (ψ)packaging signal: bases 1645-1690
HIV-1 Rev response element (RRE): bases 2181-2436
3′ splice acceptor: base 2779
3′ splice acceptor: base 2807
Central polypurine tract (cPPT): bases 2920-2982
Woodchuck post-transcriptional element (PRE): bases 3091-3684
SV40 early promoter and origin: bases 3748-4074
EM7 promoter: bases 4078-4143
Zeocin resistance gene: bases 4144-4518
ΔU3/3'LTR: bases 4612-5350
attB2 site: bases 4678-4654
Firefly Luciferase (LUC) shRNA: bases 4808-4758
H1/TO promoter: bases 5034-4809
attB1 site: bases 5095-5071
SV40 polyadenylation signal: bases 5421-5574

NOTE:This vector does not carry the ampicillin resistance gene and is selected with Zeocin (50ug/ml) in low salt LB in *E.coli.*

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

Eric Campeau June 2009