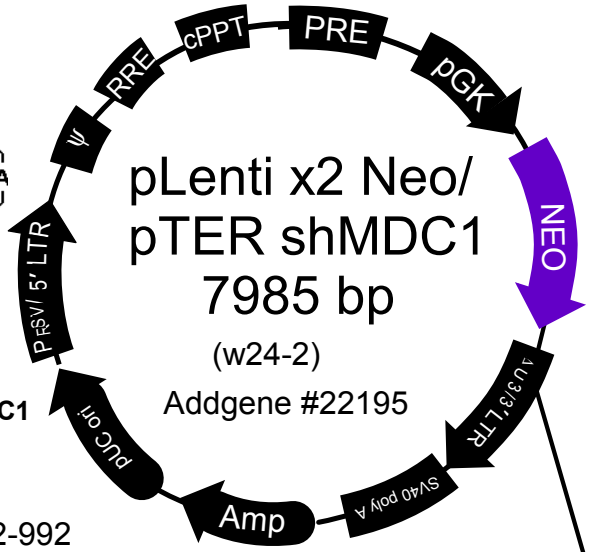
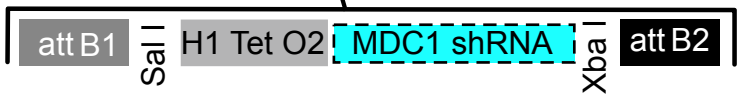






Comments for pLenti X2 Neo/pTER shMDC1
7985 nucleotides

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 4805-5313
Neomycin resistance gene: bases 5327-6130
ΔU3/3'LTR: bases 6222-6959
attB2 site: bases 6264-6288
Mediator of DNA damage checkpoint 1 (MDC1) shRNA: bases 6368-6417
H1/TO promoter: bases 6424-6638
attB1 site: bases 6681-6705
SV40 polyadenylation signal: bases 7031-7184

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

NOTE: The position of the genetic elements is approximative

Eric Campeau September 2005