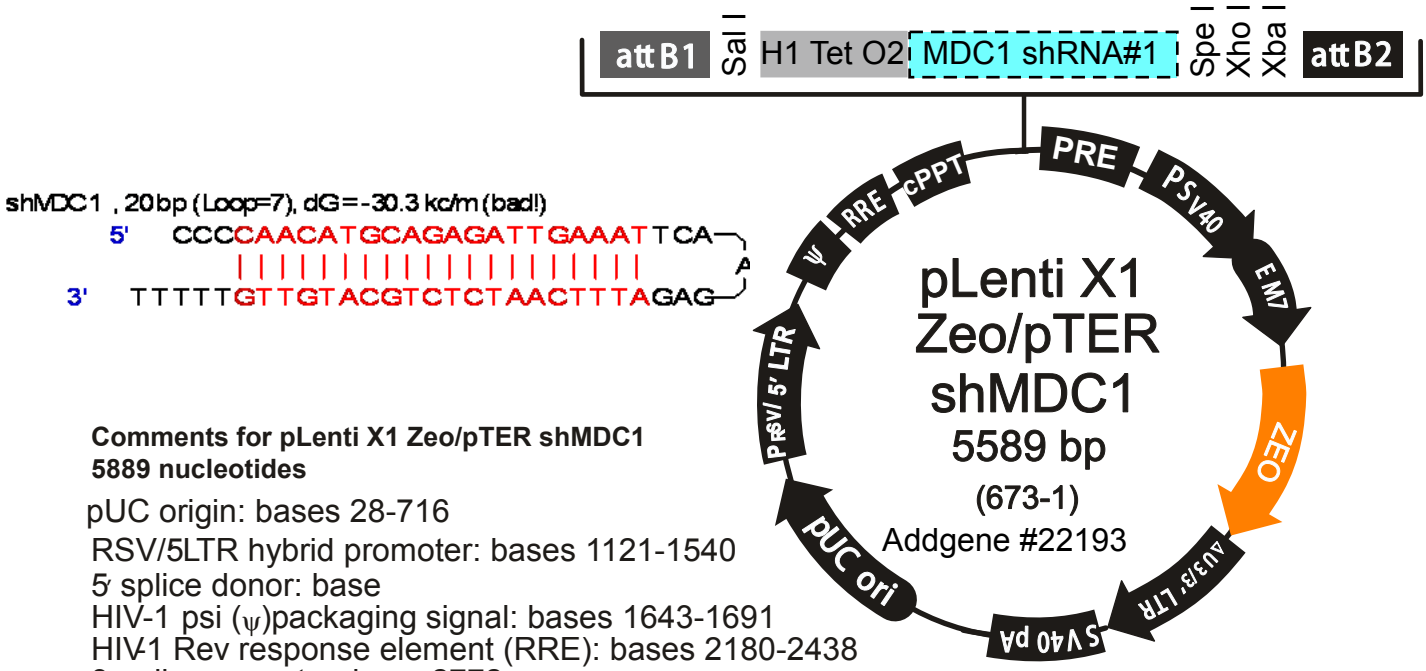



**Comments for pLenti X1 Zeo/pTER shMDC1**
**5889 nucleotides**

pUC origin: bases 28-716
RSV/5LTR hybrid promoter: bases 1121-1540
5′ splice donor: base
HIV-1 psi (ψ)packaging signal: bases 1643-1691
HIV-1 Rev response element (RRE): bases 2180-2438
3′ splice acceptor: base 2772
3′ splice acceptor: base 2800
Central polypurine tract (cPPT): bases 2916-2980
*att* B1 site: bases 3070-3094
H1/TO promoter: bases 3131-3354
Mediator of DNA damage checkpoint 1 (MDC1) shRNA: bases 3357-3406
*att*B2 site: bases 3486-3510
Woodchuck post-transcriptional element (PRE): bases 3540-4133
SV40 early promoter and origin: bases 4180-4523
EM7 promoter: bases 4527-4592
Zeocin resistance gene: bases 4593-4986
ΔU3/3'LTR: bases 5059-5294
SV40 polyadenylation signal: bases 5363-5517

**NOTE: Use Zeocin to propagate the plasmid in the *E.coli* strain Stbl3.**

**The location of the genetic elements is approximative.**

Eric Campeau February 2005