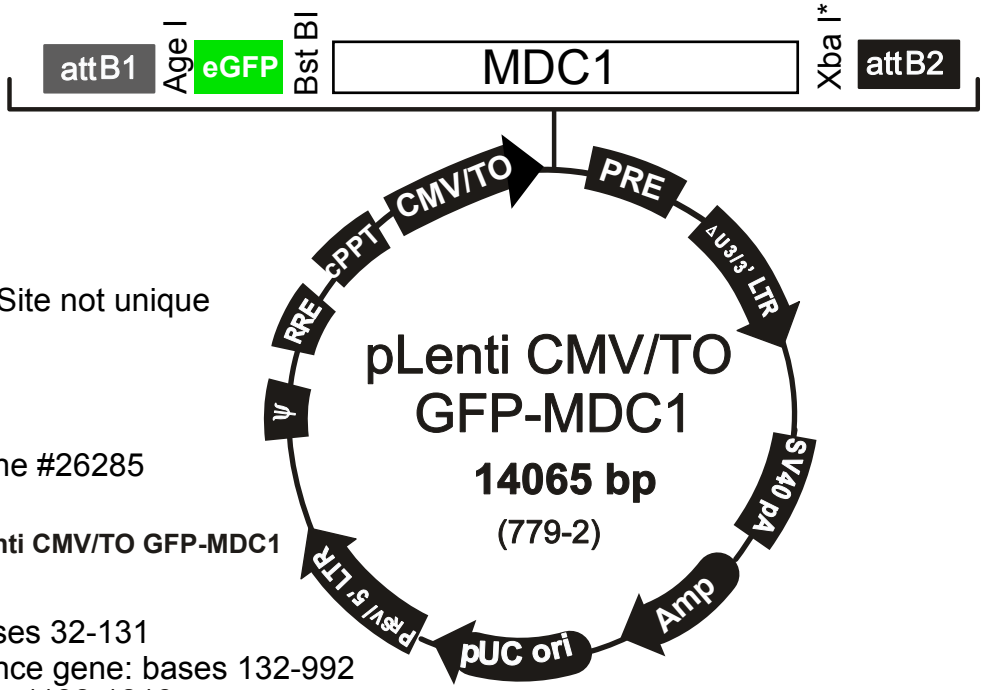


*Site not unique

Addgene #26285

Comments for pLenti CMV/TO GFP-MDC1
14065 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
CMV/TO promoter: bases 4145-4702
*att*B1 site: bases 4740-4765
Enhanced Green Fluorescent Protein (eGFP): bases 4812-5530
Mediator of DNA Damage Checkpoint 1 (MDC1) cDNA: bases 5595-11864
*att*B2 site: bases 12076-12100
Woodchuck post-transcriptional element (PRE): bases 12130-12722
ΔU3/3'LTR: bases 12805-13040
SV40 polyadenylation signal: bases 13110-13263

Recommended *E.coli* strain for propagation: Sbtl3 under ampicillin selection.

NOTES: 1) The position of the genetic elements is approximative.
2)The MDC1 cDNA was derived from the clone KIAA0170 (Kazusa)

Eric Campeau June 2005