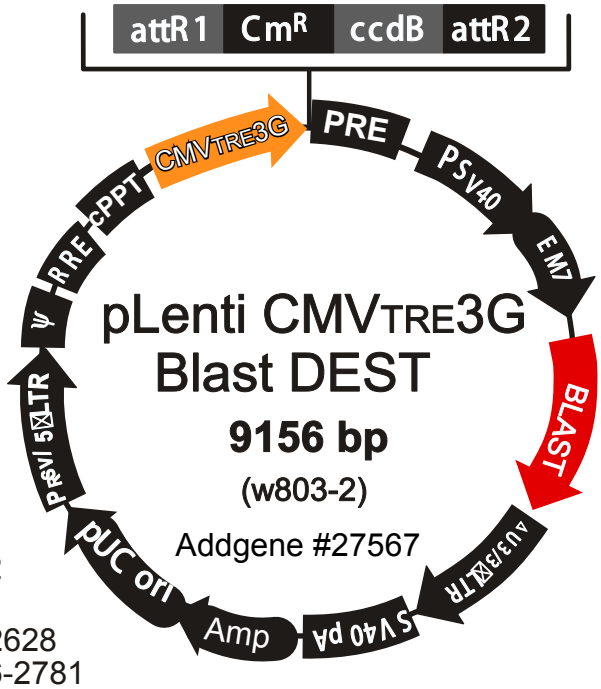


comments for pLenti CMVTRE3G Blast DEST
9156 nucleotides

bla promoter: bases 32-131
ampicillin resistance gene: bases 132-982
pUC origin: bases 1138-1810
RSV/5'LTR 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
CMVTRE3G promoter: bases 4168-4543
*att*R1 site: bases 4588-4713
Chloramphenicol resistance gene (Cm): bases 4822-5481
*ccd*B gene: bases 5823-6128
*att*R2 site: bases 6168-6294
Woodchuck post-transcriptional element (PRE): bases 6323-6915
SV40 early promoter and origin: bases 6980-7342
EM7 promoter: bases 7346-7411
Blasticidin resistance gene: bases 7412-7810
ΔU3/3'LTR: bases 7898-8130
SV40 polyadenylation signal: bases 8201-8354

Recommended *E.coli* strain for propagation: DB3.1 or ccDB survival' under ampicillin AND chloramphinecol selection.
The CMVTRE3G promoter was a gift from Dominic Esposito (SAIC Frederick)

NOTE: The position of the genetic elements is approximative.

Eric Campeau January 2011