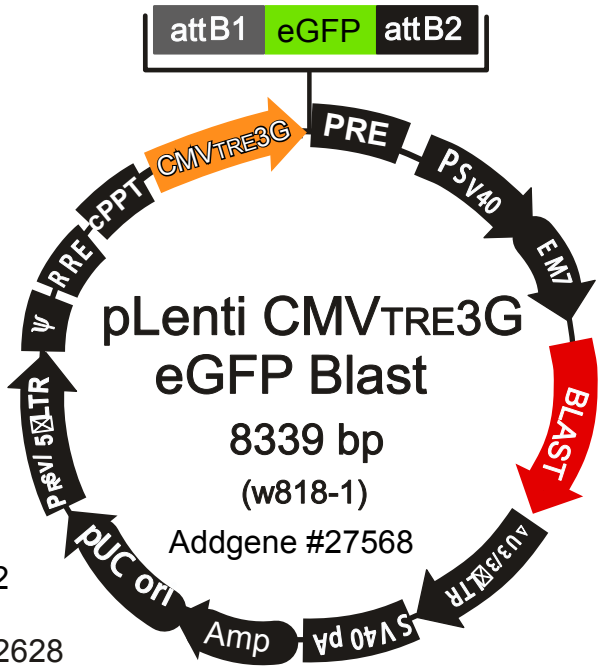


comment s for pLenti CMVTRE3G eGFP Blast
8339 nucleotides

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 4160-4513
*att*B1 site: bases 4589-4613
Enhanced Green Fluorescent Protein (eGFP): bases 4708-5427
*att*B2 site: bases 5452-5476
Woodchuck post-transcriptional element (PRE): bases 5506-6099
SV40 early promoter and origin: bases 6147-6489
EM7 promoter: bases 6529-6592
Blasticidin resistance gene: bases 6595-6993
ΔU3/3'LTR: bases 7081-7314
SV40 polyadenylation signal: bases 7384-7537

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