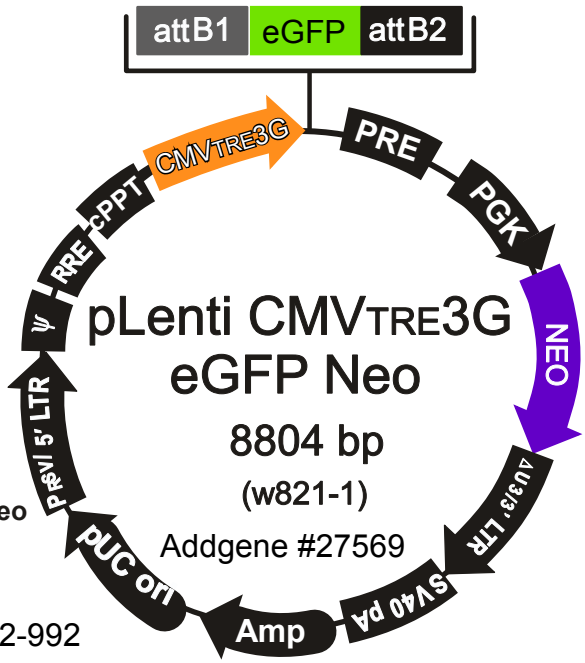


Comments for pLenti CMVTRE3G eGFP Neo
8804 nucleotides

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
CMVTRE3G promoter: bases 4160-4513
*att*B1 site: bases 4599-4613
Enhanced Green Fluorescent Protein (eGFP): bases 4708-5427
*att*B2 site: bases 5452-5476
Woodchuck post-transcriptional element (PRE): bases 5506-6099
Murine phosphoglycerate kinase (PGK) promoter: bases 6127-6638
Neomycin resistance gene: bases 6651-7454
ΔU3/3'LTR: bases 7544-7774
SV40 polyadenylation signal: bases 7850-7987

Recommended *E.coli* strain for propagation: Stbl3 under ampicillin selection.
The CMVTRE3G promoter was a gift from Dr. Dominic Esposito (SAIC Frederick).

NOTE: The position of the genetic elements is approximative.

Eric Campeau January 2011