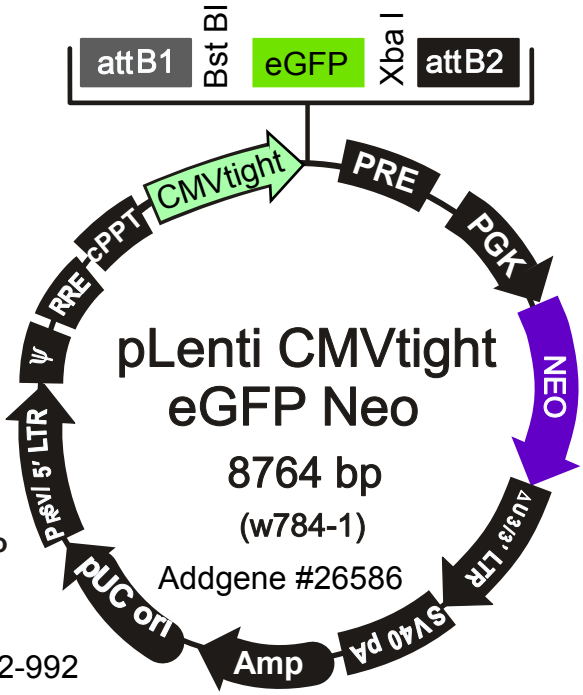


Comments for pLenti CMVtight eGFP Neo
8764 nucleotides

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
CMVtight promoter: bases 4160-4473
*att*B1 site: bases 4549-4573
Enhanced Green Fluorescent Protein (eGFP): bases 4668-5387
*att*B2 site: bases 5412-5436
Woodchuck post-transcriptional element (PRE): bases 5466-6059
Murine phosphoglycerate kinase (PGK) promoter: bases 6087-6598
Neomycin resistance gene: bases 6611-7414
ΔU3/3'LTR: bases 7504-7734
SV40 polyadenylation signal: bases 7810-7947

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau September 2010