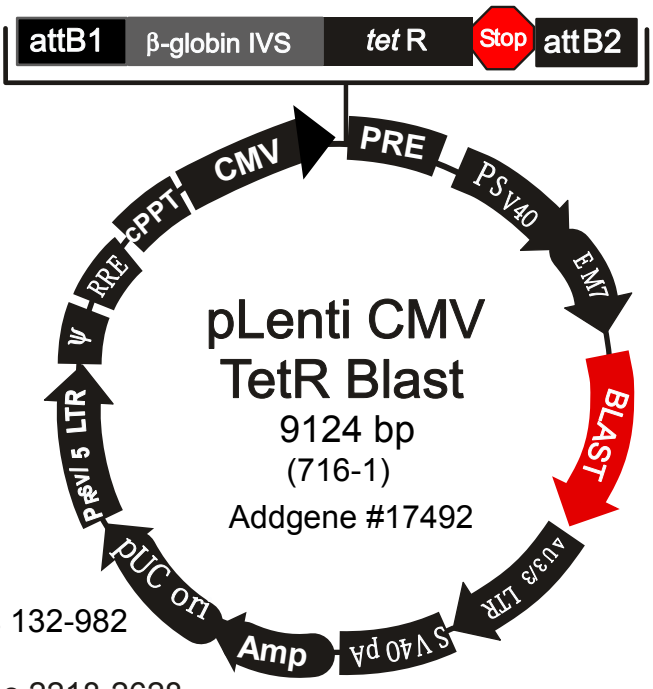


Comments for pLenti CMV TetR Blast
9124 nucleotides

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
CMV promoter: bases 4145-4730
attB1: bases 4764-4788
Rabbit β-globin intron II (IVS): bases 4933-5505
Tetracycline repressor (TetR) gene: bases 5589-6236
attB2: bases 6237-6261
Woodchuck post-transcriptional element (PRE): bases 6291-6884
SV40 early promoter and origin: bases 6932-7274
EM7 promoter: bases 7314-7379
Blasticidin resistance gene: bases 7380-7777
ΔU3/3'LTR: bases 7866-8098
SV40 polyadenylation signal: bases 8169-8322

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

NOTE: This is not an Invitrogen plasmid. The Invitrogen pLenti 6/TR plasmid lacks the central polypurine tract (cPPT) and the Woodchuck post-transcriptional response element (WPRE).

The position of the genetic elements is approximative.

Eric Campeau February 2005