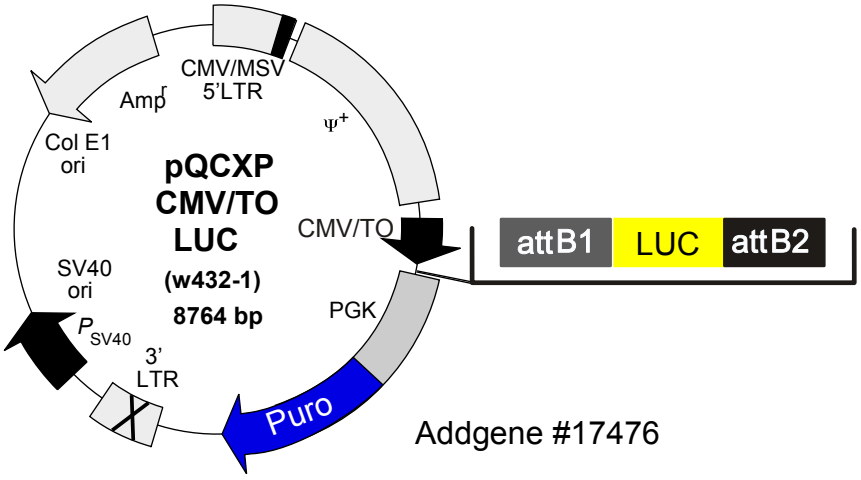


Addgene #17476

Comments on pQCXP CMV/TO LUC, 8764 nucleotides:

5‘ LTR (CMV/MSV): 1–728
Cytomegalovirus (CMV)/ mouse sarcoma virus (MSV) hybrid promoter: 1–511
R region: 584–654
U5 region: 655–728
ψ+ (extended packaging signal): 758–1567
CMV/TO promoter: 1601-2159
attB1:2198-2222
Firefly Luciferase (LUC): bases 2228-3880
attB2:3887-3911
Murine phosphoglycerate kinase (PKG) promoter:3973-4474
Puromycin resistance gene (Puro): 4497-5096
3’ MoMuLV LTR (deletion in U3): 5470-5895
SV40 promoter: 6174-6441
SV40 ori: 6396-6461
Col E1 ori (Site of replication initiation): 6783
Ampicillin resistance gene (reverse orientation):8402-7542

Use *E.coli* TOP10F’ strain for propagation under ampicillin selection.

NOTE: The position of the genetic elements is approximative.

Eric Campeau November 2007