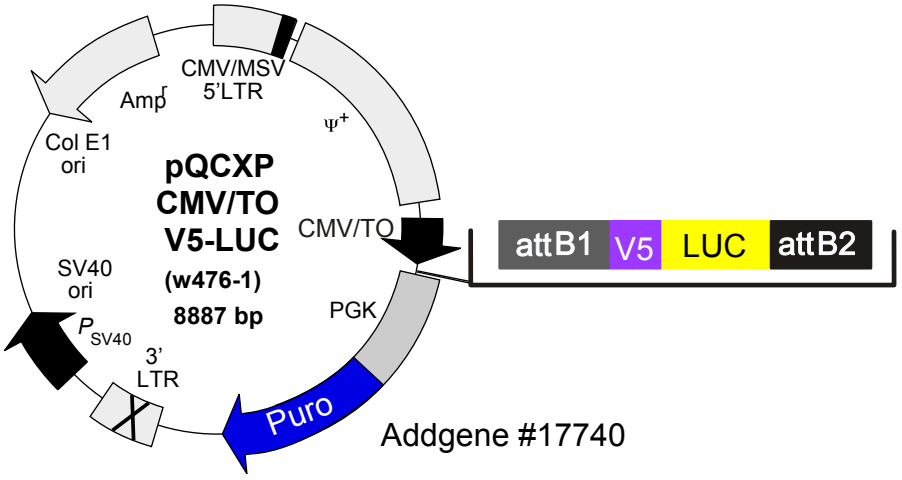


Addgene #17740

Comments on pQCXP CMV/TO V5-LUC, 8887 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
V5 epitope: bases 2228-2272
Firefly Luciferase (LUC): bases 2351-4003
attB2:4010-4034
Murine phosphoglycerate kinase (PKG) promoter:4096-4597
Puromycin resistance gene (Puro): 4620-5219
3’ MoMuLV LTR (deletion in U3): 5593-6018
SV40 promoter: 6297-6564
SV40 ori: 6519-6584
Col E1 ori (Site of replication initiation): 6906
Ampicillin resistance gene (reverse orientation):8525-7665

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau February 2008