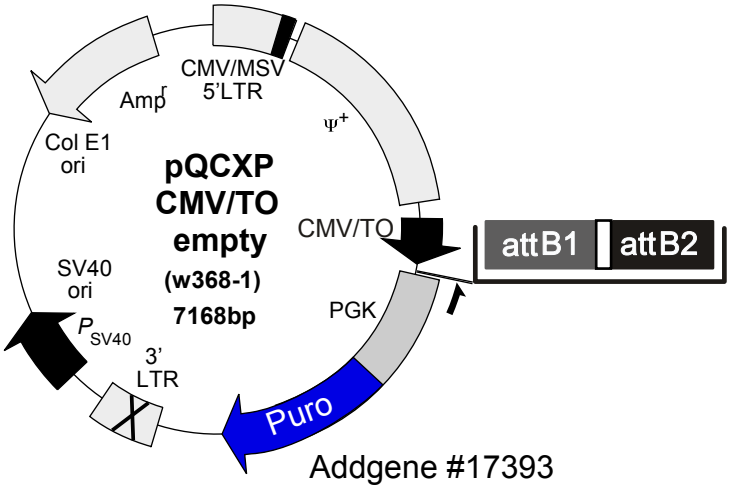


Addgene #17393

Comments on pQCXP CMV/TO empty, 7168 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
attB2:2291-2315
Murine phosphoglycerate kinase (PKG) promoter:2377-2893
Puromycin resistance gene (Puro): 2901-3500
3’ MoMuLV LTR (deletion in U3): 3874-4299
SV40 promoter: 4578-4845
SV40 ori: 4800-4866
Col E1 ori (Site of replication initiation): 5187
Ampicillin resistance gene (reverse orientation):6806-5946

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

NOTE: The position of the genetic elements is approximative.

Eric Campeau July 2007