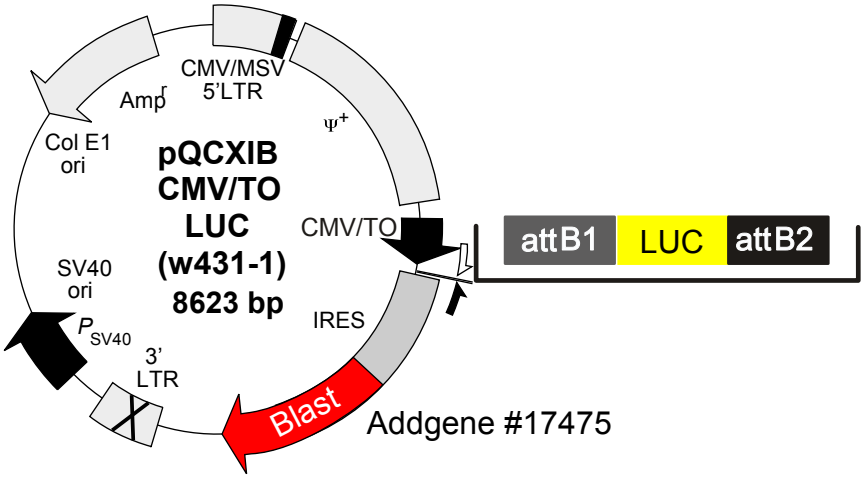


Comments on pQCXIB CMV/TO LUC, 8623 nucleotides:

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: 1601-2170
attB1:2198-2222
Firefly Luciferase (LUC): bases 2228-3880
attB2:3887-3911
Internal ribosome entry site (IRES): 4052-4626
Blasticidin resistance gene (Blast): 4683-5081
3’ MoMuLV LTR (deletion in U3): 5329-5754
SV40 promoter: 6033-6300
SV40 ori: 6255-6320
Col E1 ori (Site of replication initiation): 6642
Ampicillin resistance gene (reverse orientation): 8261-7401

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

NOTE: Use of this plasmid in a T-Rex cell line will prevent expression of the Blasticidin selection gene.

Eric Campeau November 2007