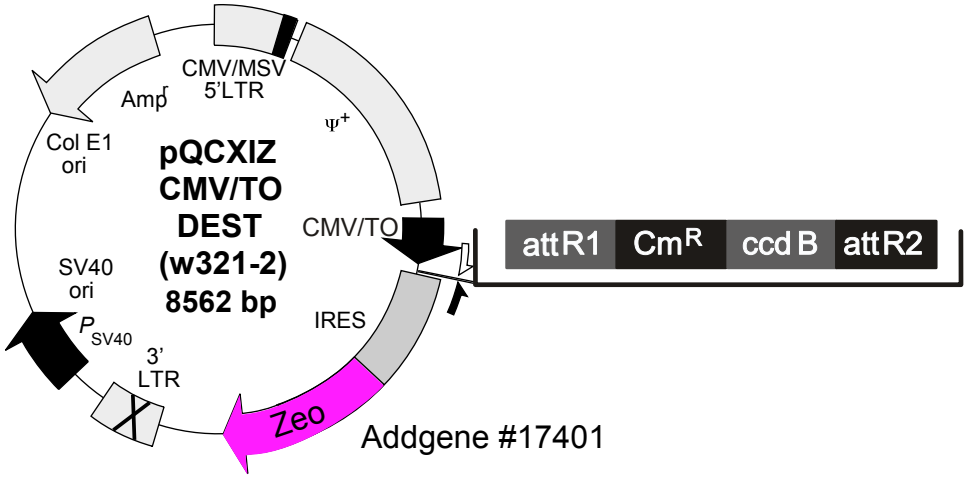


Comments on pQCXIZ CMV/TO DEST, 8562 nucleotides:

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
attR1:2198-2322
Chloramphinecol resistance gene:2431-3090
ccdB gene:3432-3737
attR2:3778-3900
Internal ribosome entry site (IRES): 4043-4617
Zeocin resistance gene (Zeo): 4674-5048
3’ MoMuLV LTR (deletion in U3): 5268-5693
SV40 promoter: 5972-6239
SV40 ori: 6194-6260
Col E1 ori (Site of replication initiation): 6580
Ampicillin resistance gene (reverse orientation): 8200-7340

Use *E.coli* DB3.1 or ccDB survival strain for propagation under ampicillin and chloramphinecol selection.

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

Eric Campeau April 2007