



Comments on pQCXP CMV/TO DEST, 8832 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

attR1:2198-2322

Chloramphenicol resistance gene:2431-3090

ccdB gene:3432-3737

attR2:3778-3900

Murine phosphoglycerate kinase (PKG) promoter:4041-4542

Puromycin resistance gene (Puro): 4564-5164

3' MoMuLV LTR (deletion in U3): 5538-5963

SV40 promoter: 6242-6509

SV40 ori: 6464-6529

Col E1 ori (Site of replication initiation): 6851

Ampicillin resistance gene (reverse orientation):8470-7609

Use *E.coli* DB3.1 or ccDB survival strain for propagation.