



Comments on pQCXIB CMV/TO DEST, 8614 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
- Chloramphenicol resistance gene:2431-3090
- ccdB gene:3432-3737
- attR2:3778-3900
- Internal ribosome entry site (IRES): 4043-4617
- Blasticidin resistance gene (Blast): 4674-5072
- 3' MoMuLV LTR (deletion in U3): 5320-5745
- SV40 promoter: 6024-6291
- SV40 ori: 6246-6311
- Col E1 ori (Site of replication initiation): 6632
- Ampicillin resistance gene (reverse orientation): 8252-7392

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

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