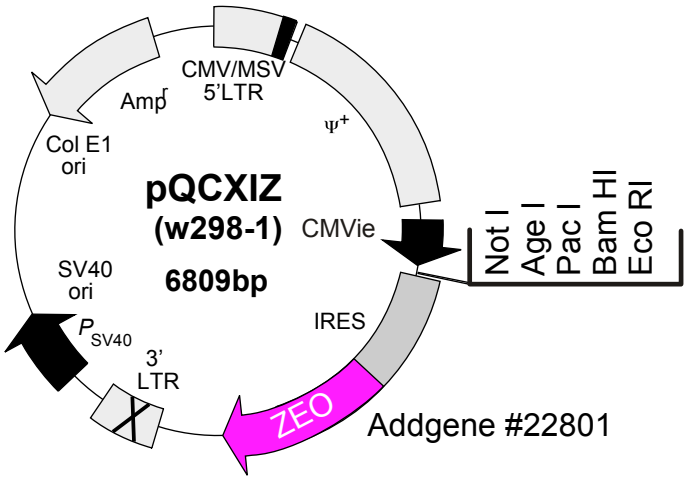


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GATCCGCGGCCGCACCGGTAGGCCTCGTACGCTTAATTAACGGATCCGGAATTCC

Comments on pQCXIZ, 6809 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 promoter: 1601-2133
Multiple Cloning Site (MCS): bases 2239-2288
Internal ribosome entry site (IRES): 2289-2860
Zeocin resistance gene (Zeo): 2921-3295
3’ MoMuLV LTR (deletion in U3): 3515-3941
SV40 promoter: 4219-4486
SV40 ori: 4441-4508
Col E1 ori (Site of replication initiation): 4827
Ampicillin resistance gene (reverse orientation): 6447-5587

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

The position of the genetic elements is approximative.

Eric Campeau April 2007