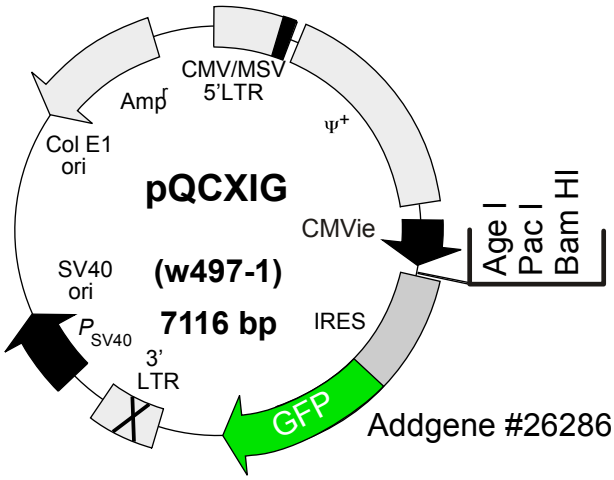


Comments on pQCXIG, 7116 nucleotides:

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 Ste (MCS):2247-2280
Internal ribosome entry site (IRES): 2281-2804
Enhanced Green Fluorescent Protein (GFP) cDNA:2869-3588
3’ MoMuLV LTR (deletion in U3): 3820-4247
SV40 promoter: 4526-4792
SV40 ori: 4748-4813
Col E1 ori (Site of replication initiation): 5135
Ampicillin resistance gene (reverse orientation): 6754-5891

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

The position of the genetic elements is approximative.

Eric Campeau November 2007