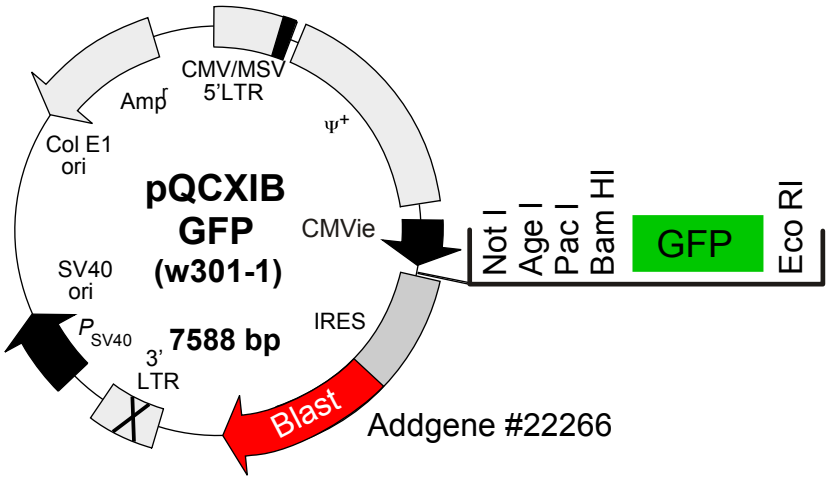


Comments on pQCXIB GFP, 7588 nucleotides:

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
Enhanced Green Fluorescent Protein (GFP) cDNA: bases 2288-3007
Internal ribosome entry site (IRES): 3016-3588
Blasticidin resistance gene (Blast): 3648-4074
3’ MoMuLV LTR (deletion in U3): 4294-4720
SV40 promoter: 4998-5265
SV40 ori:5220-5286
Col E1 ori (Site of replication initiation): 5606
Ampicillin resistance gene (reverse orientation):7226-6366

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

The position of the genetic elements is approximative.

Eric Campeau November 2007