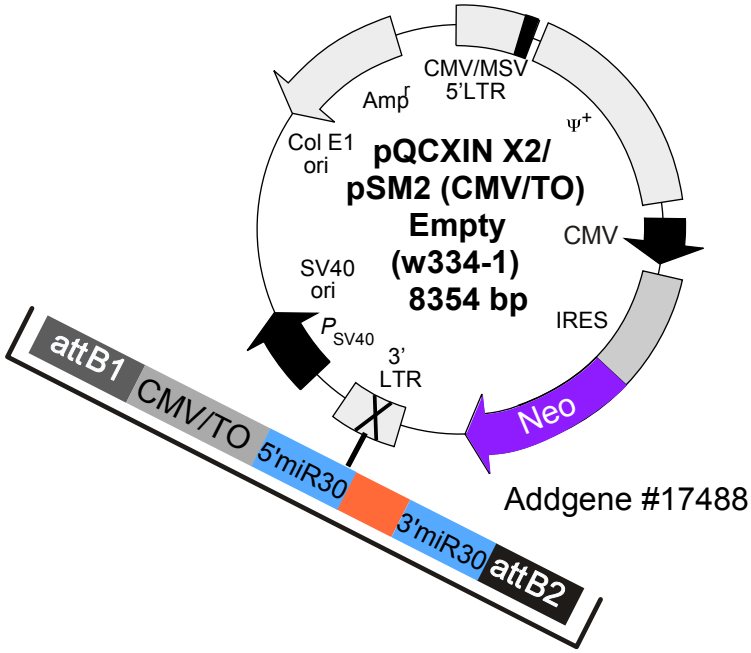


Addgene #17488

Comments on pQCXIN X2/pSM2 (CMV/TO) Empty, 8354 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
y+ (extended packaging signal): 758–1567
CMV promoter: 1601-2170
Internal ribosome entry site (IRES): 2289-2862
Neomycin resistance gene (NEO): 2876-3670
3’ MoMuLV LTR (deletion in U3): 4077-5485
attB2:4154-4177
3'miR30 context:4318-4221
Eco RI/Xho I cloning sites:4335-4320
5'miR30 context:4337-4451
CMV/TO promoter:5021-4487
attB1:5037-5061
SV40 promoter: 5764-6031
SV40 ori: 5986-6070
Col E1 ori (Site of replication initiation): 6373
Ampicillin resistance gene (reverse orientation):7992-7132

Use *E.coli* TOP10F’ strain for propagation.

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

Eric Campeau April 2007