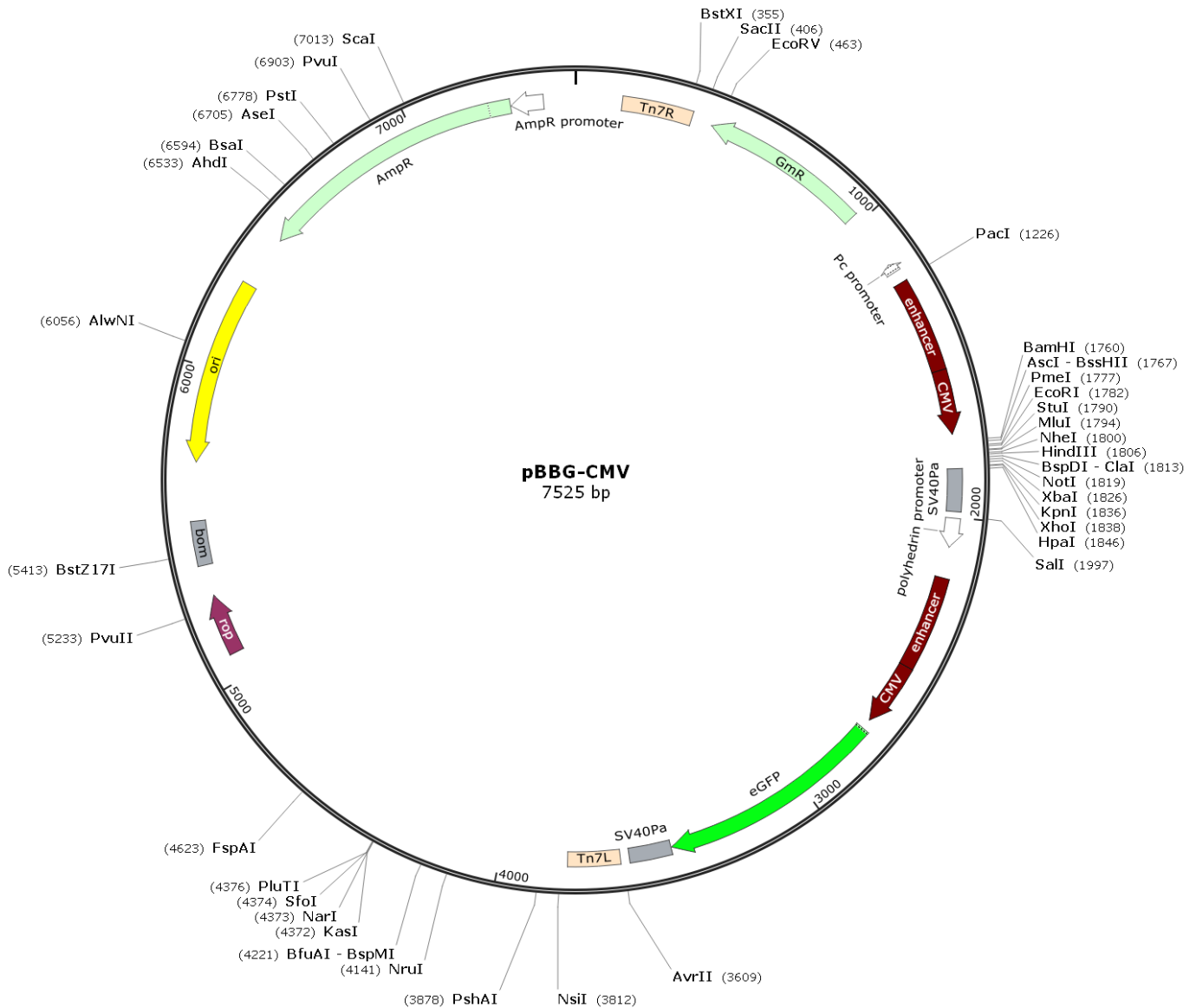


Vector: pBBG-CMV (based on pBBG-CMV1)

Antibiotic Selection: AmpR and Gentamycin (GmR)

Creator(s): Jiamin Zhong @ Molecular Oncology Laboratory of The University of Chicago Medical Center

Date of Construction: August 25, 2023



pBBG-CMV Full-length Sequence and Map

gaattg GCGAGGAAGCGGAAGAGCGCCTGATGCGGTATTTTCTCCTTACGCATCTGTGCGGTATTTACACCCGACAGCCAGCCGCG
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tcctt**aa**aaact**cc**at**tt**ccacc**ct**ccc**agtt**ccc**aa**ctat**ttt**gt**tc**g**cc**ca**ca**GCGGGGCATTTTTTCTCCTG**TCGAC**CGAT
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Zero Cutters

Enzyme	Cuts	Recognition Sequence
AflII	0	CTTAAG
AgeI	0	ACCGGT
AsiSI	0	GCGATCGC
BbvCI	0	CCTCAGC
BlpI	0	GCTNAGC
BmgBI	0	CACGTC
BsaXI	0	NNN (N) 9AC (N) 5CTCC (N) 7NNN
BsiWI	0	CGTACG
BssHII	0	GGCGC
BstBI	0	TTCGAA
BstEII	0	GGTNACC
Bsu36I	0	CCTNAGG
DraIII	0	CACNNNGTG
Eco53kI	0	GAGCTC
EcoNI	0	CCTNNNNNAGG
FseI	0	GGCCGGCC
I-CeuI	0	TAACTATAACGGTCCTAAGGTAGCGAA
I-SceI	0	TAGGGATAACAGGGTAAT
MfeI	0	CAATTG
Nb.BbvCI	0	CCTCAGC
Nt.BbvCI	0	CCTCAGC
PaqCI	0	CACCTGCNNNNNNNN
PI-PspI	0	TGGCAAACAGCTATTATGGGTATTATGGGT
PI-SceI	0	ATCTATGTGGGTGCGGAGAAAGAGGTAATGAAATGG
PmlI	0	CACGTG
RsrII	0	CGGWCCG
SacI	0	GAGCTC
SbfI	0	CCTGCAGG
SexAI	0	ACCWGGT
SfiI	0	GGCCNNNNNGGCC
SgrAI	0	CRCCGGYG
SmaI	0	CCCGGG
SpeI	0	ACTAGT
SphI	0	GCATGC
SrfI	0	GCCCCGGC
SwaI	0	ATTTAAAT
TspMI	0	CCCGGG
XcmI	0	CCANNNNNNNTGG
XmaI	0	CCCGGG