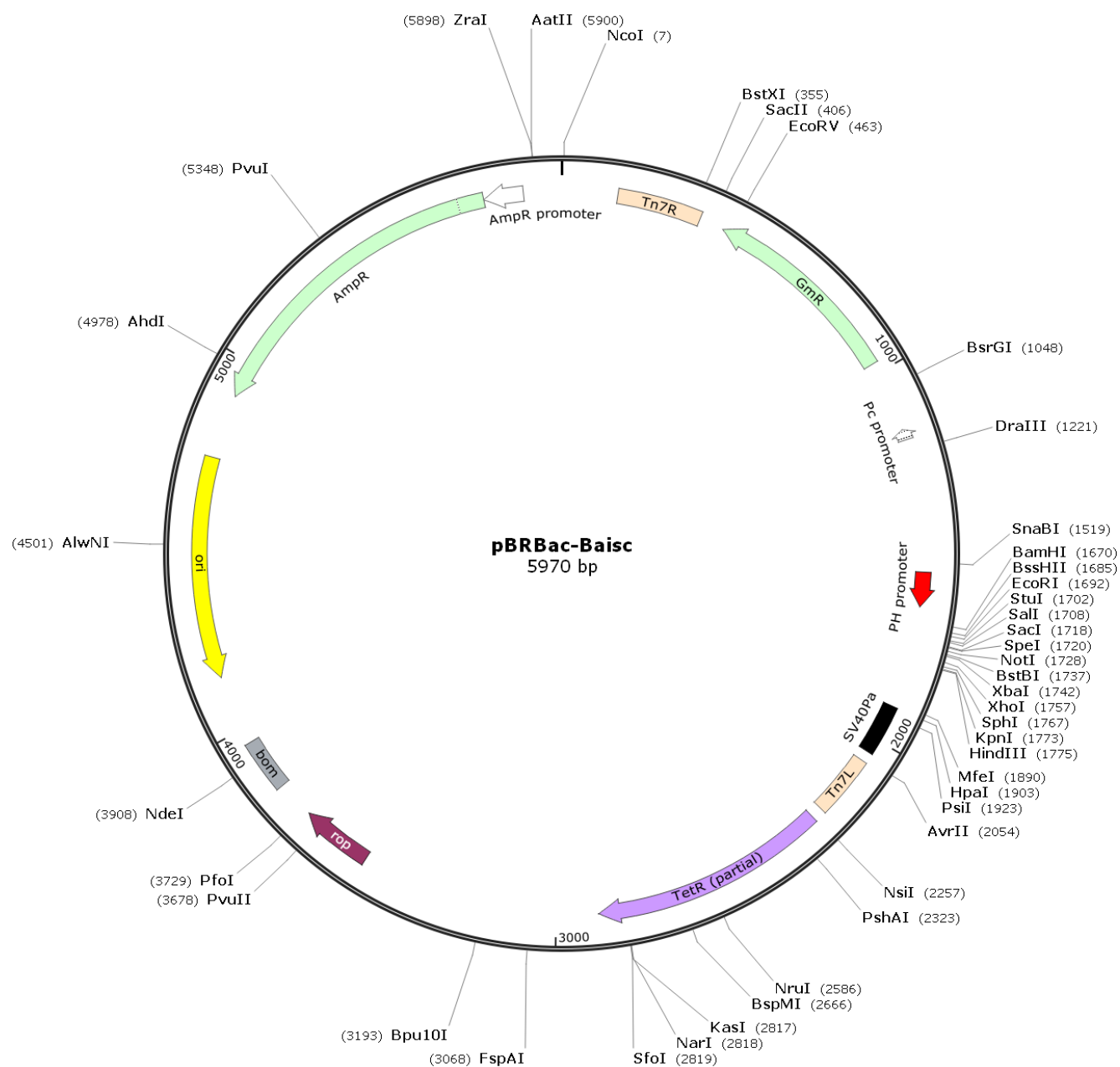


Vector: pBRBac-Basic (based on pBR322N1)

Antibiotic Selection: AmpR and Gentamycin (GmR)

Creator(s): Wei Zeng @ Molecular Oncology Laboratory of The University of Chicago Medical Center

Date of Construction: April 25, 2023



pBRBac-Basic Full-length Sequence and Map

gaattg GCGAGGAAGCGGAAGAGCGCCTGATGCGGTATTTTCTCCTTACGCATCTGTGCGGTATTTTCACACCGCAG
ACCAGCCGCGTAACCTGGCAAAATCGGTTACGGTTGAGTAATAAATGGATGCCCTGCGTAAGCGGG tgtgggcggaataa
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Zero Cutters

Enzyme	Cuts	Recognition Sequence	Methylation Sensitivity?
AflII	0	CTTAAG	
AgeI	0	ACCGGT	
AleI	0	CACNNNGTG	
ApaI	0	GGGCC	
AscI	0	GGCGGCC	
AsiSI	0	GCGATCGC	
BbvCI	0	CCTCAGC	
BlpI	0	GCTNAGC	
BmgBI	0	CACGTC	
BmtI	0	GCTAGC	
BsiWI	0	CGTACG	
BspDI	0	ATCGAT	
BstEII	0	GGTNACC	
Bsu36I	0	CCTNAGG	
ClaI	0	ATCGAT	
CspCI	0	NN (N) 11CAA (N) 5GTGG (N) 10NN	
EcoNI	0	CCTNNNNNAGG	
FseI	0	GGCCGGCC	
I-CeuI	0	TAATAAACCAGGTCCTAAGGTAGCGAA	
I-SceI	0	TAGGGATAACAGGGTAAT	
MluI	0	ACGCGT	
Nb.BbvCI	0	CCTCAGC	
NheI	0	GCTAGC	
Nt.BbvCI	0	CCTCAGC	
PacI	0	TTAATTAA	
PaqCI	0	CACCTGCNNNNNNNN	
PI-PspI	0	TGGCAAACAGCTATTATGGGTATTATGGGT	
PI-SceI	0	ATCTATGTCGGGTGCGGAGAAAGAGGTAATGAAATGG	
PmeI	0	GTTTAAAC	
PmlI	0	CACGTG	
PspOMI	0	GGGCC	
PspXI	0	VCTCGAGB	
SbfI	0	CCTGCAGG	
SexAI	0	ACCWGGT	
SfiI	0	GGCCNNNNNGGCC	
SgrAI	0	CRCCGGYG	
SmaI	0	CCCGGG	
SrfI	0	GCCCGGGC	
SwaI	0	ATTTAAAT	
TspMI	0	CCCGGG	
XcmI	0	CCANNNNNNNNTGG	
XmaI	0	CCCGGG	