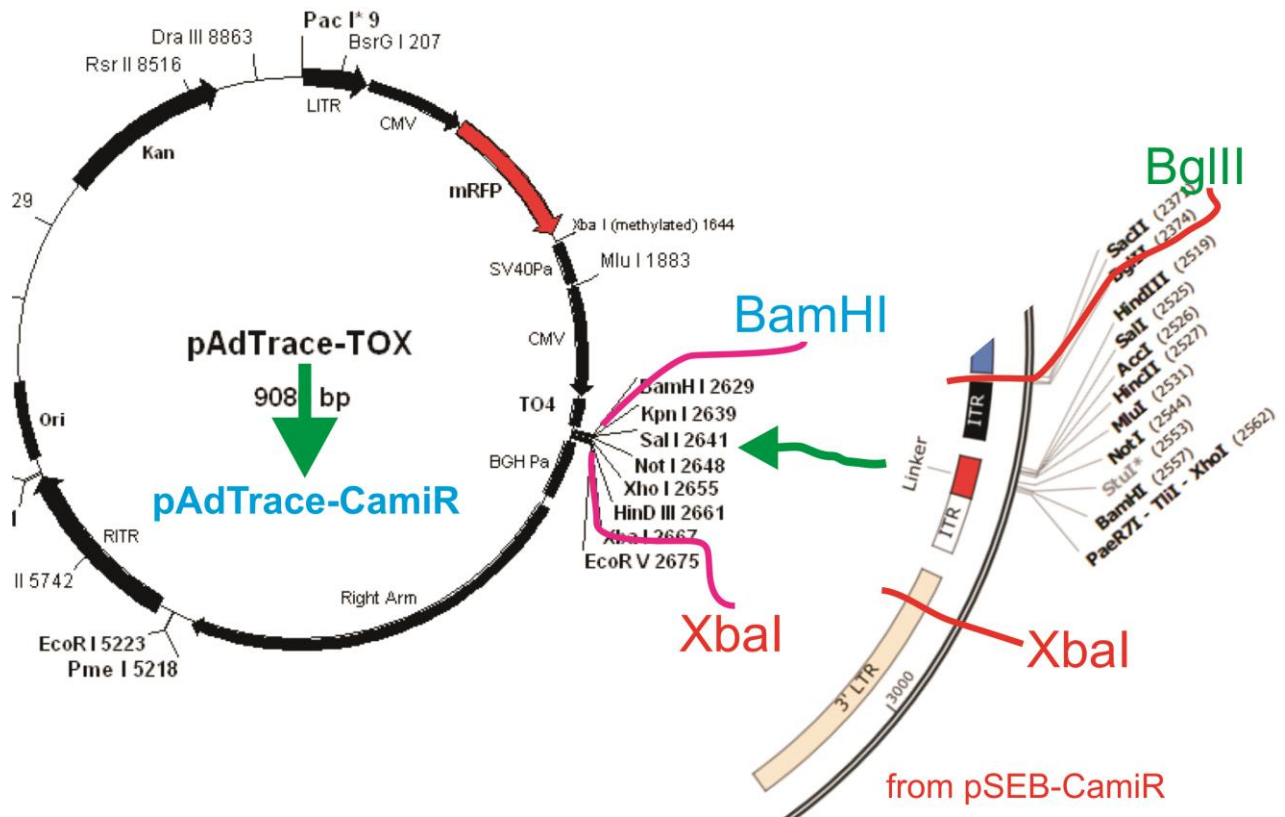


Vector: pAdTrace-CamiR (circularized anti-miR or miR sponge expression vector)

Antibiotic Selection: Kan

Creator(s): Yi Shu at Molecular Oncology Laboratory, The University of Chicago Medical Center

Date of Construction: October, 2017

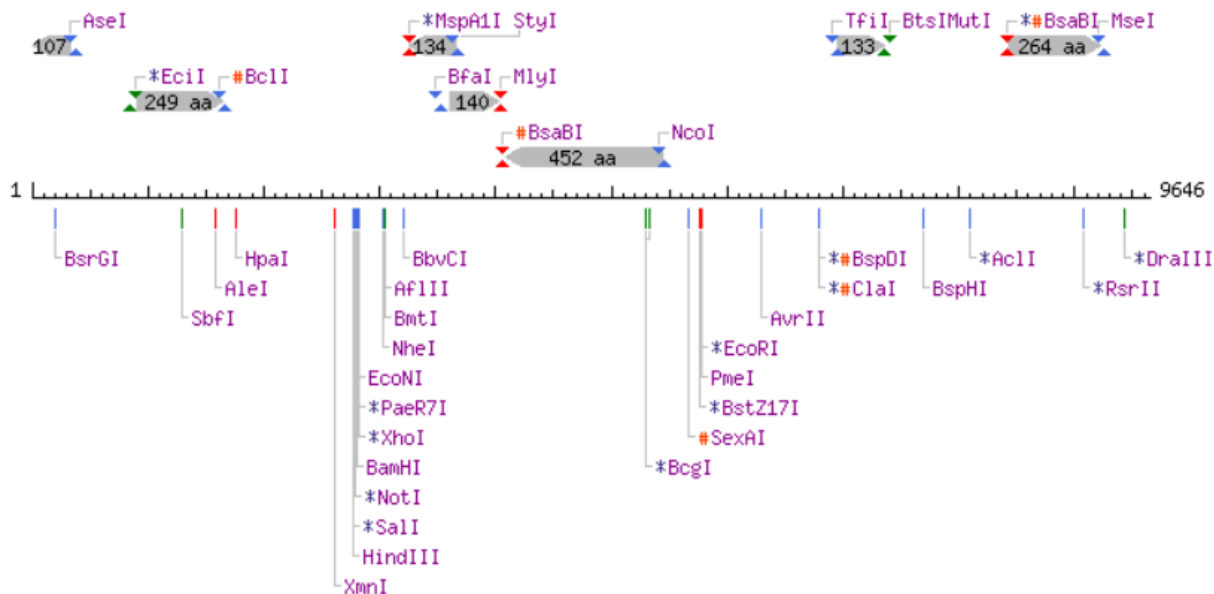


pAdTrace-CamiR Full-length Sequence

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Zero-Cutters

#	Enzyme	Specificity
1	Acc65I	G GTAC C
2	AgeI	A CCGG T
3	AscI	GG CGCG CC
4	AsiSI	GCG AT CGC
5	BaeI	(N) ₅ (N) ₁₀ ACNNNNGTAYC(N) ₇ (N) ₅
6	BlnI	GC TNA GC
7	BsiWI	C GTAC G
8	BstBI	TT CG AA
9	Bsu36I	CC TNA GG
10	FseI	GG CCGG CC

11	KpnI	G GTAC C
12	PmlI	CAC GTG
13	PshAI	GACNN NNGTC
14	PspXI	VC TCGA GB
15	PvuI	CG AT CG
16	SfiI	GGCCN NNN NGCC
17	SpeI	A CTAG T
18	SrfI	GCCC GGGC
19	SspI	AAT ATT
20	Swal	ATTT AAAT

One-Cutters

#	Enzyme	Specificity	Sites & flanks	Cut positions (blunt - 5' ext. - 3' ext.)
1	AccI	AA CG TT	list	*8088/8090

2	AflII	C TTAAG	list	3041/3045
3	AleI	CACNN ₁ NNGTG	list	1584
4	AvrII	C CTAG ₁ G	list	6301/6305
5	BamHI	G GATC ₁ C	list	2811/2815
6	BbvCI	CC TCA ₁ GC	list	3216/3219
7	BcgI	₁ NN (N) ₁₀ CGA(N) ₆ TGC(N) ₁₀ ₁ NN	list	*5295/5293+5329/5327
8	BmtI	G ₁ CTAG ₁ C	list	3040/3036
9	BspDI	AT CG ₁ AT	list	*#6787/6789
10	BspHI	T CATG ₁ A	list	7689/7693
11	BsrGI	T GTAC ₁ A	list	206/210
12	BstZ17I	GTA ₁ TAC	list	*5762
13	Clal	AT CG ₁ AT	list	*#6787/6789
14	DrallI	CAC ₁ NNN GTG	list	*9422/9419
15	EcoNI	CCTNN N ₁ NNAGG	list	2819/2820
16	EcoRI	G AATT ₁ C	list	*5782/5786
17	HindIII	A AGCT ₁ T	list	2773/2777
18	HpaI	GTT ₁ AAC	list	1759
19	NheI	G CTAG ₁ C	list	3036/3040
20	NotI	GC GGCC ₁ GC	list	*2798/2802
21	PaeR7I	C TCGA ₁ G	list	*2816/2820
22	PmeI	GTTT ₁ AAAC	list	5777
23	RsrII	CG GWC ₁ CG	list	*9075/9078
24	SalI	G TCGA ₁ C	list	*2779/2783
25	SbfI	CC ₁ TGCA GG	list	1297/1293
26	SexAI	A CCWGG ₁ T	list	#5665/5670
27	XhoI	C TCGA ₁ G	list	*2816/2820
28	XmnI	GAANN ₁ NNTTC	list	2619