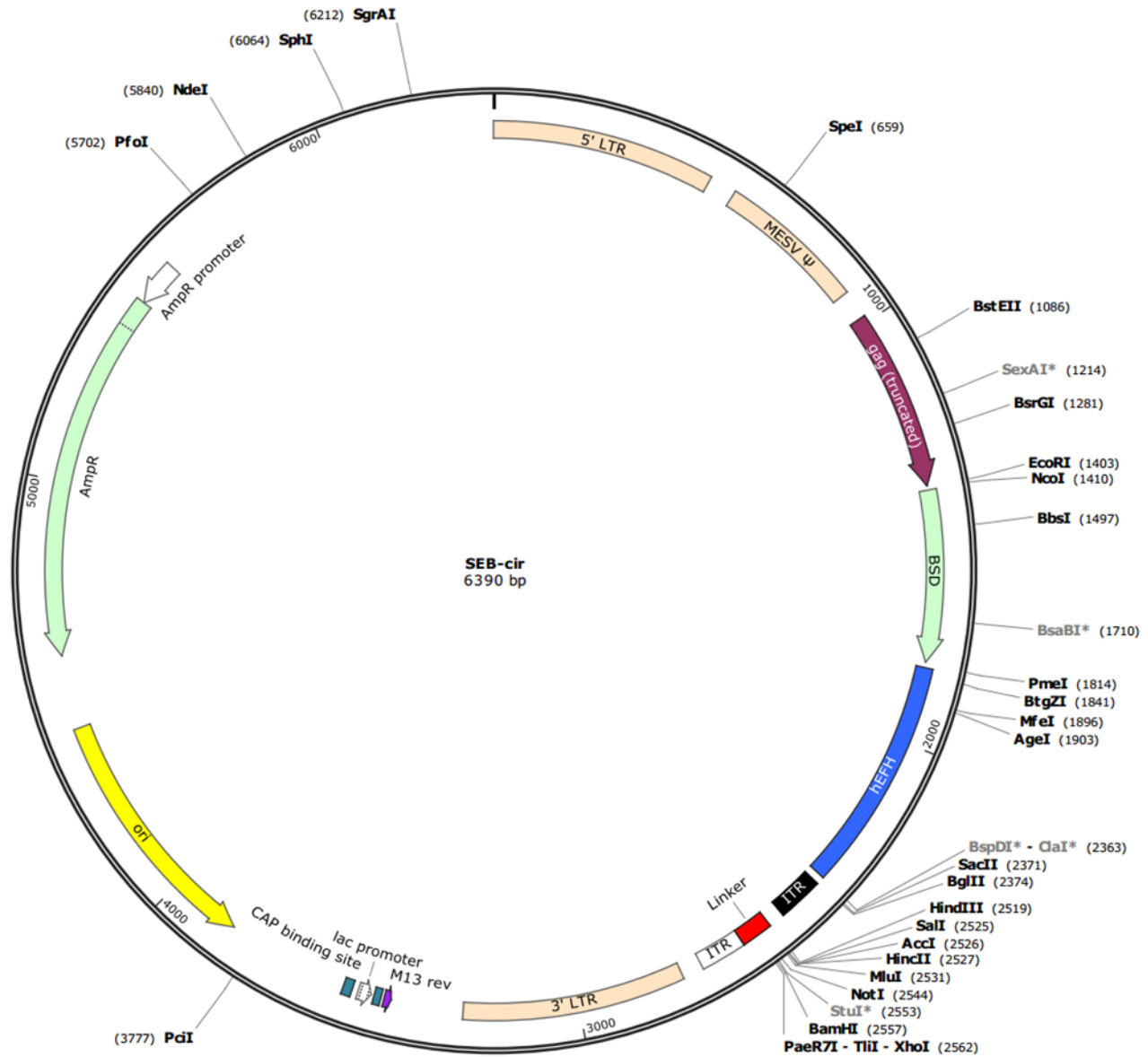


Vector: pSEB-CIR (aka, CantimiR, circular RNA/anti-miR expression vector)

Antibiotic Selection: Amp

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

Date of Construction: May, 2017



pSEB-CIR Full-length Sequence

TGAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAGTAACGCCATTTTCAAGGCATGGAAAATACATAACTGAGAATAGAGAAGTTA
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ATGGTCCCCAGATGCGGTCCCGCCCTCAGCAGTTTCTAGAGAACCATCAGATGTTTTCCAGGGTGCSSCAAGGACCTGAAATGACCCTGTGC
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TCTCCAGAAAAAGGGGGAA

Enzymes that don't cut

Enzyme	Specificity				
1	AleI	CACNNNGTG	18	FseI	GGCCGGCC
2	ApaI	GGGCCC	19	HpaI	GTTAAC
3	AsiSI	GCGATCGC	20	NsiI	ATGCAT
4	AvrII	CCTAGG	21	PacI	TTAATTAA
5	BclI	TGATCA	22	PflMI	CCANNNNNTGG
6	BfuAI	ACCTGCNNNNNNNN	23	PmlI	CACGTG
7	BlpI	GCTNAGC	24	PshAI	GACNNNGTC
8	BmgBI	CACGTC	25	PsiI	TTATAA
9	BsaAI	YACGTR	26	PspOMI	GGGCCC
10	BsiWI	CGTACG	27	PspXI	VCTCGAGB
11	BsmI	GAATGCN	28	RsrII	CGGWCCG
12	BspEI	TCCGGA	29	SbfI	CCTGCAGG
13	BspMI	ACCTGCNNNNNNNN	30	SfiI	GGCCNNNNNGGCC
14	BstBI	TTCGAA	31	SnaBI	TACGTA
15	BstXI	CCANNNNNTGG	32	SrfI	GCCCGGGC
16	BstZ17I	GTATAC	33	SwaI	ATTTAAAT
17	DraIII	CACNNNGTG	34	XcmI	CCANNNNNNNTGG