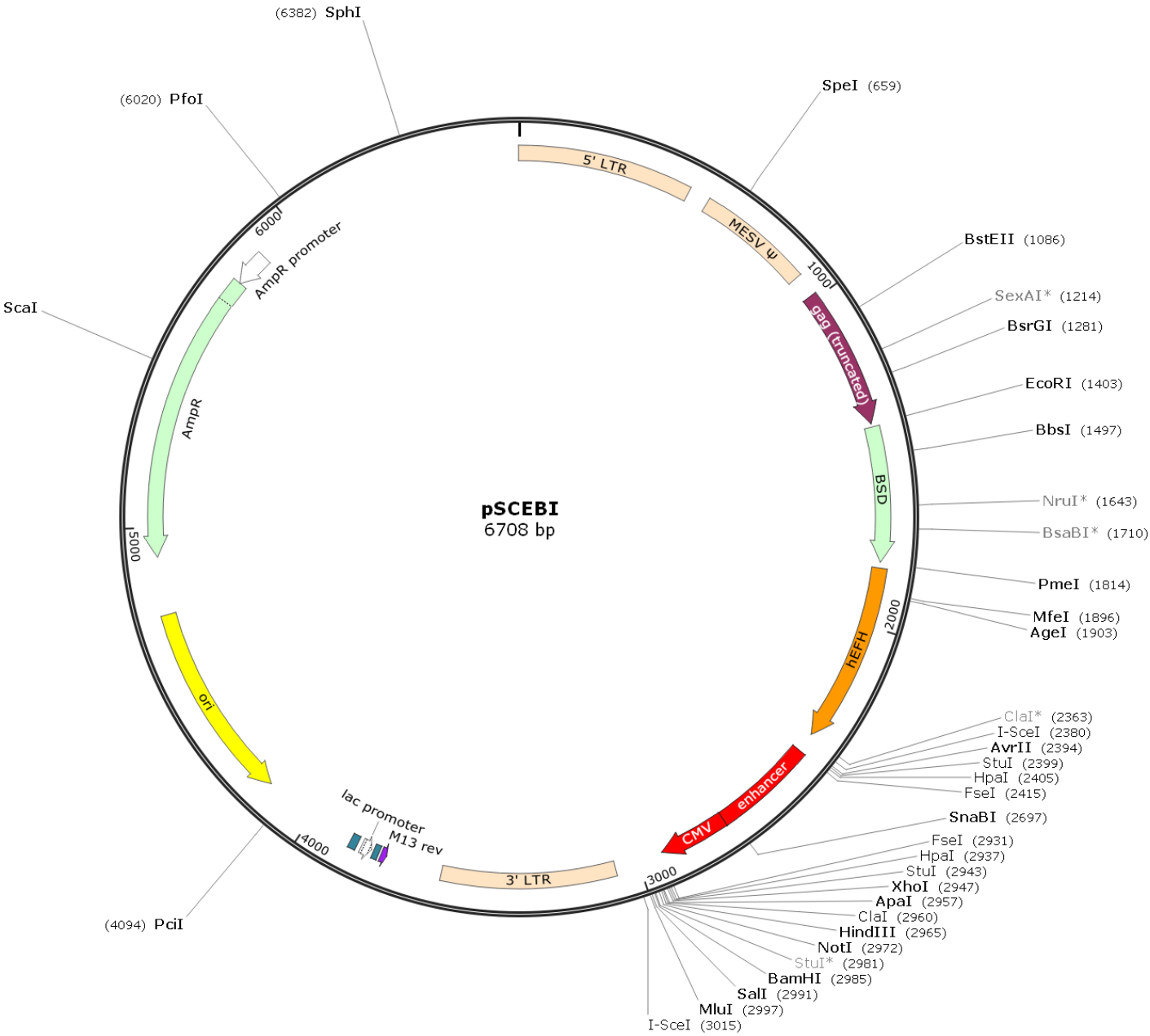


Vector: pSCEBI (retroviral/AdV overexpression vector, BSD selection marker)

Antibiotic Selection: Amp

Creator(s): Jiamin Zhong and Wulin You, Molecular Oncology Lab of The University of Chicago Medical Center

Date of Construction: January 10, 2024



pSCEBI Full-length Sequence*

(* Based on partially sequenced data; not fully sequenced)

TGAAAGACCCACCTGTAGGTTTGGCAAGCTAGCTTAAAGTAACGCCATTTTGAAGGCATGGAAAAATACATAACTGAGAATA
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Zero Cutters

Enzyme	Cuts	Recognition Sequence
AleI	0	CACNNNNGTG
AsiSI	0	GCGATCGC
BclI	0	TGATCA
BfuAI	0	ACCTGCNNNNNNNN
BglII	0	AGATCT
BlpI	0	GCTNAGC
BmgBI	0	CACGTC
BsiWI	0	CGTACG
BsmI	0	GAATGCN
BspEI	0	TCCGGA
BspMI	0	ACCTGCNNNNNNNN
BstBI	0	TTCGAA
BstXI	0	CCANNNNNNTGG
BstZ17I	0	GTATAC
DraIII	0	CACNNNNGTG
I-CeuI	0	TAACTATAACGGTCCCTAAGGTAGCGAA
Nb.BsmI	0	GAATGC
NsiI	0	ATGCAT
PacI	0	TTAATTAA
PaqCI	0	CACCTGCNNNNNNNN
PflMI	0	CCANNNNNNTGG
PI-PspI	0	TGGCAAACAGCTATTATGGGTATTATGGGT
PI-SceI	0	ATCTATGTCGGGTGCGGAGAAAGAGGTAATGAAATGG
PmlI	0	CACGTG
PshAI	0	GACNNNNGTC
PsiI	0	TTATAA
PspXI	0	VCTCGAGB
RsrII	0	CGGWCCG
SacII	0	CCGCGG
SbfI	0	CCTGCAGG
SfiI	0	GGCCNNNNNGGCC
SrfI	0	GCCCCGGC
SwaI	0	ATTTAAAT
XcmI	0	CCANNNNNNNNTGG