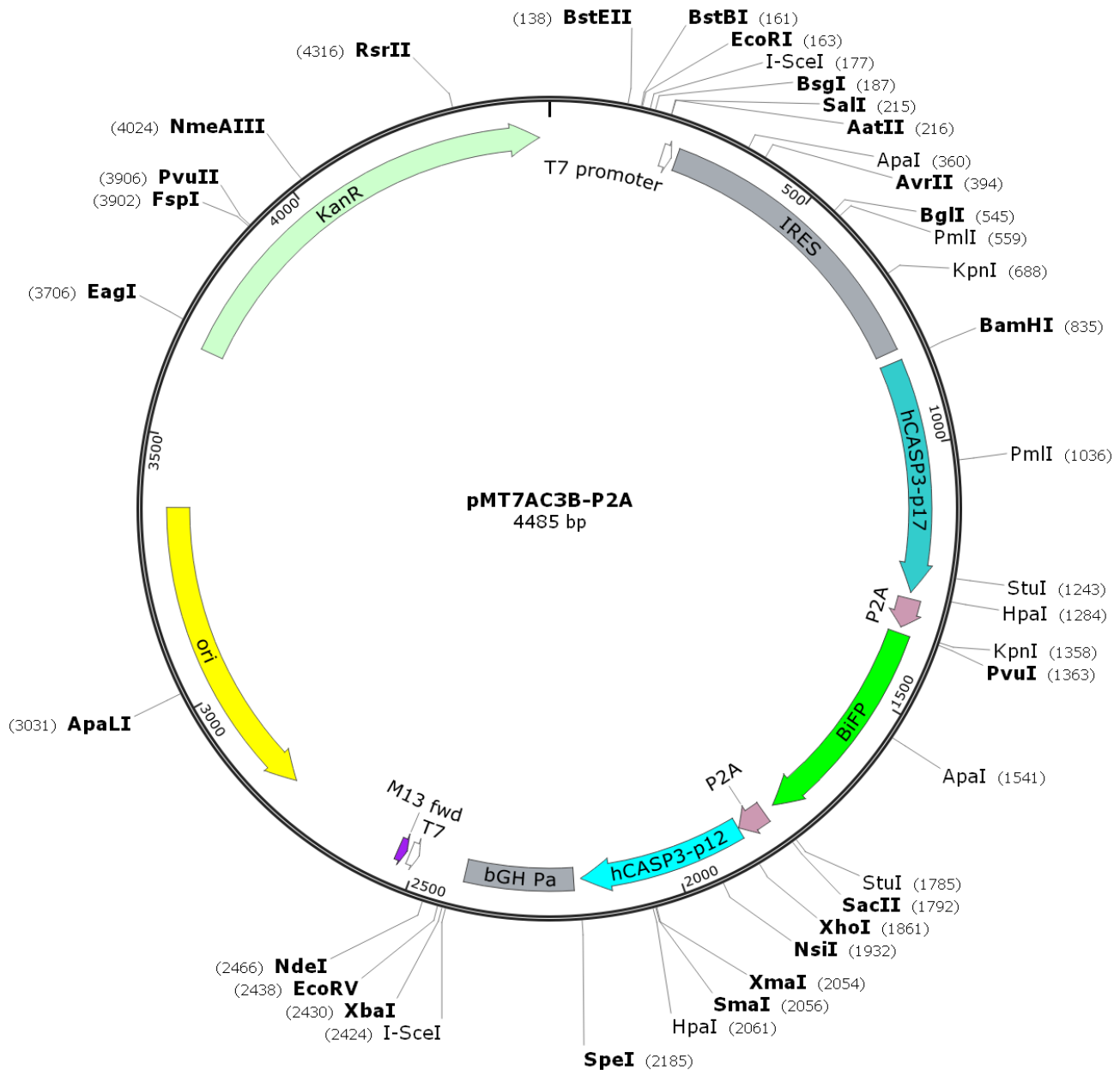


**Vector:** pMT7AC3B-P2A (MOLab T7IRES2-Active hCASP3-BiFP-P2A vector)

**Antibiotic Selection:** Kan

**Creator(s):** Na Ni @ Molecular Oncology Lab of The University of Chicago Medical Center

**Date of Construction:** November 2020



### IRES2-Gene-Linker

IRES2--acaaccatg ggc GGATCC CCCGGG ACGCGT GCGCGC GTTAAC gga agc gga--P2A

## pMT7AC3B-P2A Full-length Sequence

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### Zero Cutters

#	Enzyme	Specificity
1	AfeI	AGCGCT

2	AflIII	CTTAAG
3	AgeI	ACCGGT
4	AscI	GGCGGCC
5	AsiSI	GCGATCGC
6	BbvCI	CCTCAGC
7	BcgI	NN (N) 10CGA (N) 6TGC (N) 10NN
8	BclI	TGATCA
9	BglII	AGATCT
10	BlpI	GCTNAGC
11	BmtI	GCTAGC
12	Bpu10I	CCTNAGC
13	BsaBI	GATNNNNATC
14	BsiWI	CGTACG
15	BspEI	TCCGGA
16	BssHII	GCGCGC
17	BstAPI	GCANNNNNNTGC
18	BstZ17I	GTATAC
19	CspCI	NN (N) 11CAA (N) 5GTGG (N) 10NN
20	Eco53kI	GAGCTC
21	EcoNI	CCTNNNNNAGG
22	FseI	GGCCGGCC
23	MfeI	CAATTG
24	MluI	ACGCGT
25	NheI	GCTAGC
26	NotI	GCGGCCGC
27	NruI	TCGCGA
28	PacI	TTAATTAA
29	PmeI	GTTTAAAC
30	PpuMI	RGGWCCY
31	PshAI	GACNNNNGTC
32	PstI	CTGCAG
33	SacI	GAGCTC
34	SbfI	CCTGCAGG
35	ScaI	AGTACT
36	SfiI	GGCCNNNNNGGCC
37	SgrAI	CRCCGGYG
38	SnaBI	TACGTA
39	SrfI	GCCCCGGC
40	SspI	AATATT
41	SwaI	ATTTAAAT
42	XcmI	CCANNNNNNNNTGG