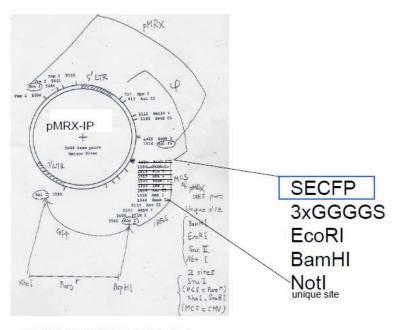# pMRXIP SECFP-Stx17TM, constructed by Itakura

EcoRI-BamHI fragment from pMRXIP-GFP-STX17TM (addgene #45910, https://www.addgene.org/45910/) was inserted into pMRXIP-SECFP/EcoRI-AamHI

pMRX-IP SECFP

SECFP
3xGGGGS
EcoRI
BamHI
NotI
unique site

pMXsIP SECFP-ULK1をBglII-NotIでカット、
pMRX-IPのBglII-NotIに入れた。
090917 sequencing

AAA	GAC	CCC	AAC	GAG	AAG	CGC	GAT	CAC	ATG	GTC	CTG	CTG	GAG	TTC	GTG	ACC	GCC	GCC	GGG
K	D	P	N	E	K	R	D	H	M	V	L	L	E	F	V	T	A	A	G

SECFP

ATC	TTG	ACT	CTC	GGC	ATG	GAC	GAG	CTG	TAC	AAG	GGT	GGC	GGT	GGC	TCG	GGC	GGT	GGT	GGG
I	L	T	L	G	M	D	E	L	Y	K	G	G	G	G	S	G	G	G	G

SECFP

Cla I   Eco RI   Sal I / Acc I / Pst I / Hin cII / Hin cII   Kpn I / Sac II   Xma I / Sma I

TCG	GGT	GGC	GGC	GGA	TCT	ATC	GAT	GAA	TTG	AAT	TCT	GCA	GTC	GAC	GGT	ACC	GCG	GGC	CCG
S	G	G	G	G	S	I	D	E	L	N	S	A	V	D	G	T	A	G	P

Bam HI   Xho I   Not I   Sna BI

GGA	TCC	CTC	GAG	CGG	CCG	CTA	CGT	AAA	TTC	CGC	CCC	CCC	CCC	TAA	CGT	TAC	TGG	CCG	AAG
G	S	L	E	R	P	L	R	K	F	R	P	P	P	.	R	Y	W	P	K