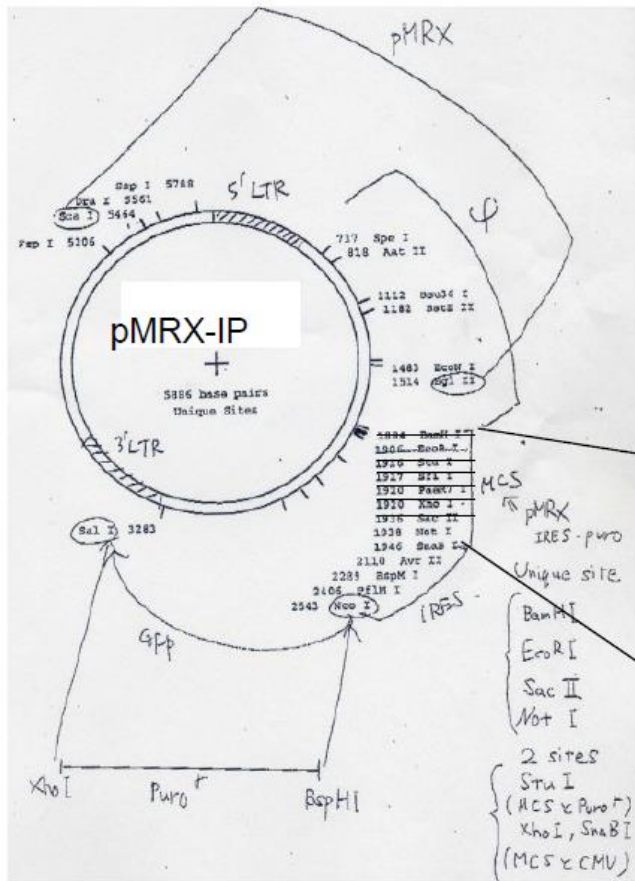


pMRXIP-SECFP-Atg5



Insert gene: mouse Atg5

Insert size: 828bp

Insert site: EcoRI

Vector: pMRXIP-SECFP

Antibiotics: Amp

Constructed by: I. Honda

SECFP

3xGGGGGS

EcoRI

BamHI

NotI
unique site

AAA	GAC	CCC	AAC	GAG	AAG	CGC	GAT	CAC	ATG	GTC	CTG	CTG	GAG	TTC	GTG	ACC	GCC	GCC	GGG
SECFP																			
K	D	P	N	E	K	R	D	H	M	V	L	L	E	F	V	T	A	A	G
ATC	TTG	ACT	CTC	GGC	ATG	GAC	GAG	CTG	TAC	AAG	GGT	GGC	GGT	GGC	TCG	GGC	GGT	GGT	GGG
SECFP																			
I	L	T	L	G	M	D	E	L	Y	K	G	G	G	G	S	G	G	G	G
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
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	P	R	Y	W	P	K

Primer F : cgggatccATGACAGATGACAAAGATG

Primer R : cgggatccTCAATCTGTTGGCTGGG