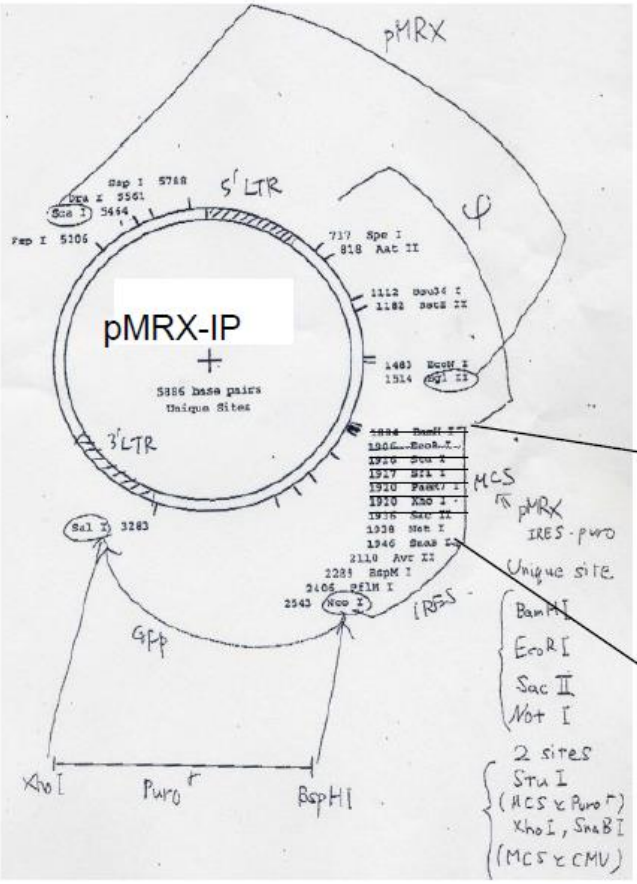
pMRXIP-SECFP-ATG16L1



Insert gene: humanATG16L1
Insert size: 1767bp
Insert site: EcoRI
Vector: pMRXIP-SECFP
Antibiotics: Amp
Constructed by:T.Nishimura

SECFP
3xGGGGS
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

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

Primer fw, gttcGAATTCGATGTCGTCGGGCCTCCGCG
Primer rv, cctaGAATTCtcagtactgtgcccacagcac