



pUCroRS

```

      |_-35_|-----Ptac-----|_-10_|      |-----lacO-----|
201  ctgTTGACAA ttaatcatcc ggctcgtATA ATgtgtggAA TTGTgAgCgG aTaACAATt
261  cacacaggaa acagaatggt tgcattgtact aaggaggttcc
    
```

```

M1  E  Q  R  I  T  L  K  D  Y10  A  M  R  F  G  Q  T  K  T  A20
ATG  GAA  CAA  CGC  ATA  ACT  TTA  AAA  GAT  TAT  GCA  ATG  CGC  TTT  GGC  CAA  ACC  AAG  ACA  GCT
NcoI                               Dra I                               Bal I
    
```

```

K  D  L  G  V  Y  Q  S  A  I30  N  K  A  I  H  A  G  R  K  I40
AAA  GAT  CTC  GGC  GTG  TAT  CAA  AGC  GCG  ATC  AAC  AAG  GCC  ATC  CAT  GCC  GGC  CGA  AAA  ATA
Bgl II                               Eag I                               Ssp I
    
```

```

F  L  T  I  N  A  D  G  S  V50  Y  A  E  E  V  K  P  F  P  S60
TTT  TTG  ACT  ATA  AAC  GCT  GAT  GGA  TCC  GTA  TAC  GCG  GAA  GAG  GTA  AAG  CCC  TTC  CCG  AGT
BamH I  Acc I                               Ava I
    
```

```

N  K  K  T  T  A66                               A  L  A
AAC  AAA  AAA  ACA  ACA  GCA  taa  ata  acc  cga  c  ctgcag  gcatgc  aagctt  g-  GCA  CTG  GCC
Sma I           Pst I  Sph I  HindIII
    
```

```

V  V  L  lacZalpha
GTC  GTT  TTA
    
```

pUCroRX

```

      M  E  Q  R  I  T  L  K  D  Y  A  M  R  F  G  Q  T  K  T  A  K
TGTAATAAGGAGGTTCCATGGAACAACGCATAACTTTAAAAGATTATGCAATGCGCTTTGGCCAAACCAAGACAGCTAAA
NcoI                               DraI
    
```

```

D  L  G  V  Y  Q  S  A  I  N  K  A  I  H  A  G  R  K  I  F  L  T  I  N  A  D  G
GATCTCGGCGTGTATCAAAGCGCGATCAACAAGGCCATCCATGCCGCGCGAAAAATATTTTGTACTATAAACGCTGATGG
BglIII                               NaeI           SspI                               BamHI
    
```

```

S  V  Y  A  E  E  V  K  P  F  P  S  N  K  K  T  T  A           SmaIKpnI  ApaI
ATCCGTATACGCGGAAGAGGTAAAGCCCTTCCCGAGTAACAAAAAACAACAGCATAAATAACCCGGGTACCTTGGGCCC
AvaI                               AvaIXmaI
    
```

```

GCGGAGCCCGCTAATGAGCGGGCTTTTTTTTTTCTAGAGTCGACctgcag  gcatgc  aagctt  g-  A  L  A
SacII                               XbaI  SalI  Pst I  Sph I  HindIII
HincII
    
```

