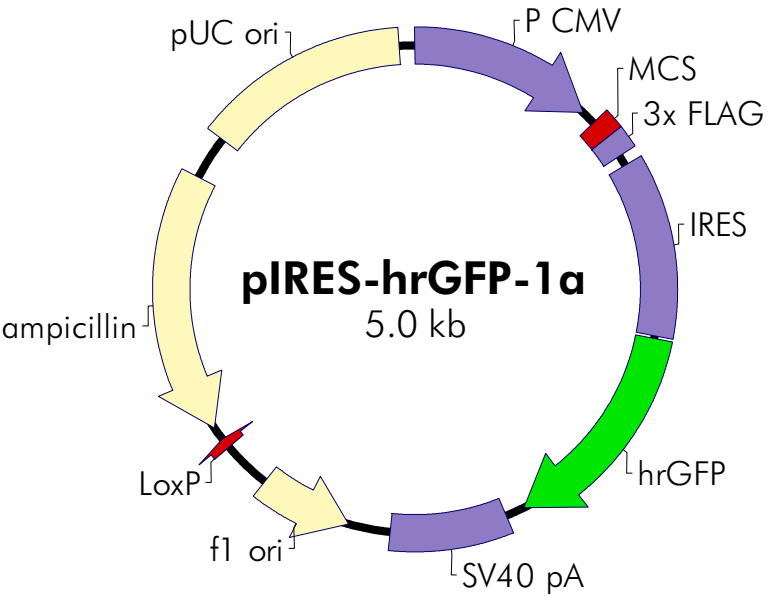
CMV promoter 1–602
multiple cloning site 651–715
3× FLAG tag 716–787
internal ribosome entry site 823–1397
hrGFP ORF 1407–2123
SV40 polyA 2188–2571
f1 origin 2709–3015
LoxP sequence 3178–3211
ampicillin resistance (*bla*) ORF 3256–4113
pUC origin 4260–4927



pIRES-hrGFP-1a Multiple Cloning Site Region
(sequence shown 651–727)

```
                                                Srf I
Sac I*          Sac II*         Not I*                  Sma I/Xma I   BamH I      EcoR I
GA GCT CCA CCG CGG TGG CGG CCG CTC TAG CCC GGG CGG ATC CGA ATT C ...
                                   STOP*

                                                Sph I       Sal I       Xho I          start of FLAG tag
                                                ...GC ATG CGT CGA CTC GAG GAC TAC AAG GAT
```