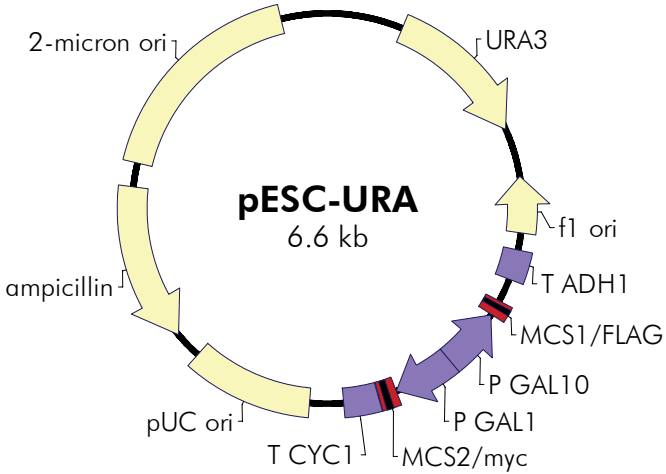
yeast *URA3* ORF 417–1217
f1 origin 1483–1789
***ADH1* terminator** 1885–2049
multiple cloning site 1 2180–2263
FLAG tag 2198–2224
***GAL1/GAL10* divergent promoters** 2268–2934
multiple cloning site 2 2936–3033
c-myc tag 2976–3011
***CYC1* terminator** 3038–3227
pUC origin 3414–4081
ampicillin resistance (*bla*) ORF 4232–5089
2μ origin 5223–6378



pESC-URA Multiple Cloning Site 1 Region
(sequence shown 2180–2263, bottom strand)

EcoR I | Not I | Spe I | Cla I | Bgl II | Sac I | Pac I

```
GAA TTC AAC CCT CAC TAA AGG GCG GCC GCA CTA GTA TCG ATG GAT TAC AAG GAT GAC GAC GAT AAG ATC TGA GCTCTTAATTAA
                                                  M  D  Y  K  D  D  D  D  K  I  STOP
                                                  FLAG epitope
```

pESC-URA Multiple Cloning Site 2 Region
(sequence shown 2936–3033, top strand)

BamH I | Srf I | Sal I

```
G GAT CCG TAA TAC GAC TCA CTA TAG GGC CCG GGC GTC GAC...
                              (STOP)
```

Xho I | Hind III | Kpn I | Nhe I

```
...ATG GAA CAG AAG TTG ATT TCC GAA GAA GAC CTC GAG TAA GCTTGGTACCGCGGCTAGC
   M  E  Q  K  L  I  S  E  E  D  L  E  STOP
   myc epitope
```