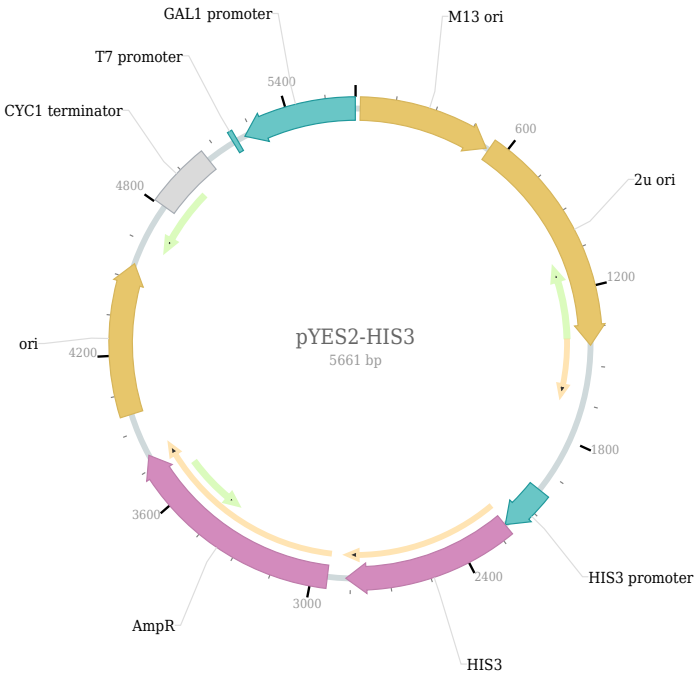
pYES2-HIS3

Vector ID	V014586
Antibiotic Resistance	Ampicillin
Length	5661 bp
Vector Type	Gene expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	HIS3
Promoter	GAL1
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pYES2-HIS3 is a yeast GAL1 promoter expression vector derived from pYES2 with the URA3 marker replaced by HIS3. Maintained episomally at high copy via the 2 micron origin; galactose induction drives high-level expression with histidine selection in his3 auxotrophic S. cerevisiae strains.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.