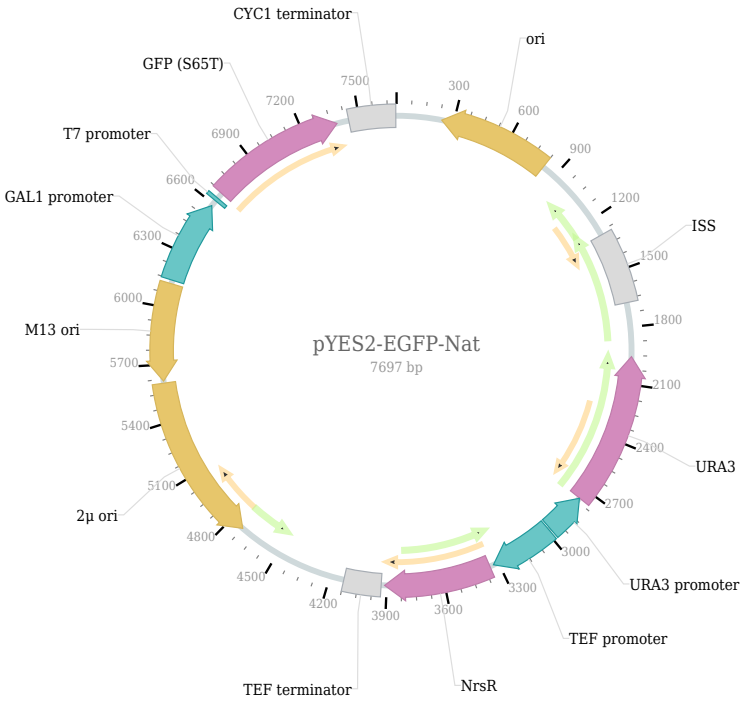
pYES2-EGFP-Nat

Vector ID	V017948
Antibiotic Resistance	Ampicillin
Length	7697 bp
Vector Type	Protein expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	URA3 and NrsR
Promoter	GAL1
5' Primer	T7
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The plasmid pYES2-EGFP is a high-copy, episomal yeast expression vector. It utilizes the galactose-inducible GAL1 promoter to control the expression of Enhanced Green Fluorescent Protein (EGFP) in Saccharomyces cerevisiae. It carries both URA3 marker and Nourseothricin (NrsR) for yeast selection.

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 ℃.