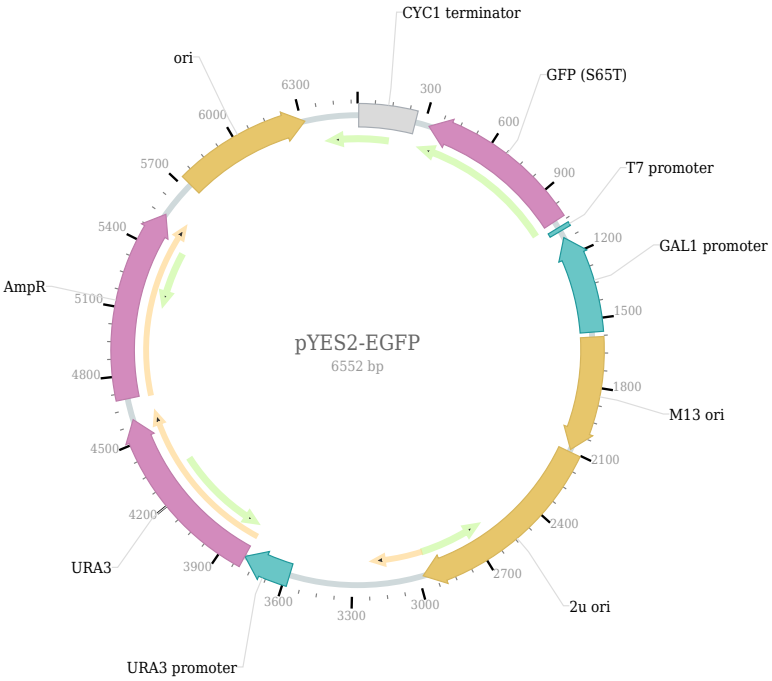
pYES2-EGFP

Vector ID	V012744
Antibiotic Resistance	Ampicillin
Length	6552 bp
Vector Type	Yeast Plasmids

Product Information

Replication Origin	ori
Selection Marker	URA3
Copy Number	High copy number
Promoter	GAL1
Cloning Method	Enzyme Cut
5' Primer	EGFP-N-F: TGTACGGTGGGAGGTCTAT
3' Primer	CYC1 Terminator: GTGACATAACTAATTACATGATG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	galactose induced
Comment	The pYES2-EGFP vector is an episomal high-copy plasmid, fusued with an EGFP reporter, designed for galactose-inducible protein expression in Saccharomyces cerevisiae.

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 ℃.