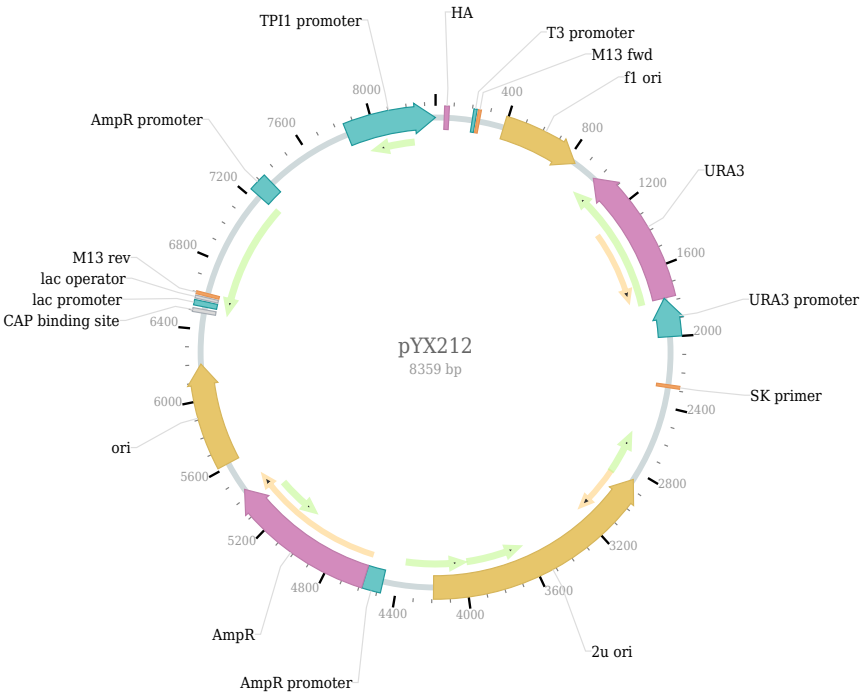
pYX212

Vector ID	V013009
Antibiotic Resistance	Ampicillin
Length	8359 bp
Vector Type	Protein expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	URA3
Promoter	TPI1
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pYX212 is an 8359 bp Saccharomyces cerevisiae expression plasmid. It contains the TPI promoter for gene expression in yeast, an ampicillin resistance gene (AmpR) for selection in bacteria, and the URA3 auxotrophic marker for selection in yeast. It also features a C-terminal HA tag for protein detection.

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 ℃.