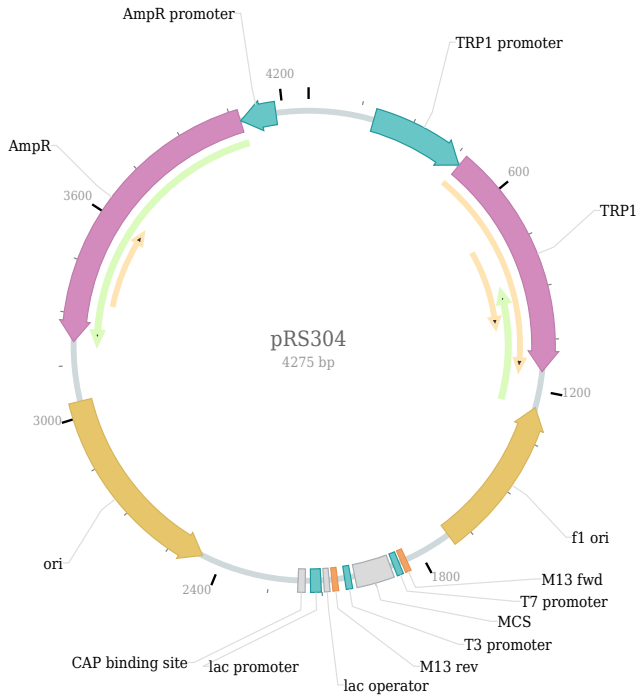
pRS304

Vector ID	V010234
Antibiotic Resistance	Ampicillin
Length	4275 bp
Vector Type	Yeast Plasmids

Product Information

Replication Origin	ori
Source/Author	Sikorski RS, Hieter P.
Copy Number	High copy number
Promoter	TRP1
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	DH10B
Comment	pRS304 is a yeast-integrated shuttle vector containing a TRP1 selection marker, enabling the stable integration of exogenous genes into the yeast chromosome for controlled expression and functional studies.

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 ℃.