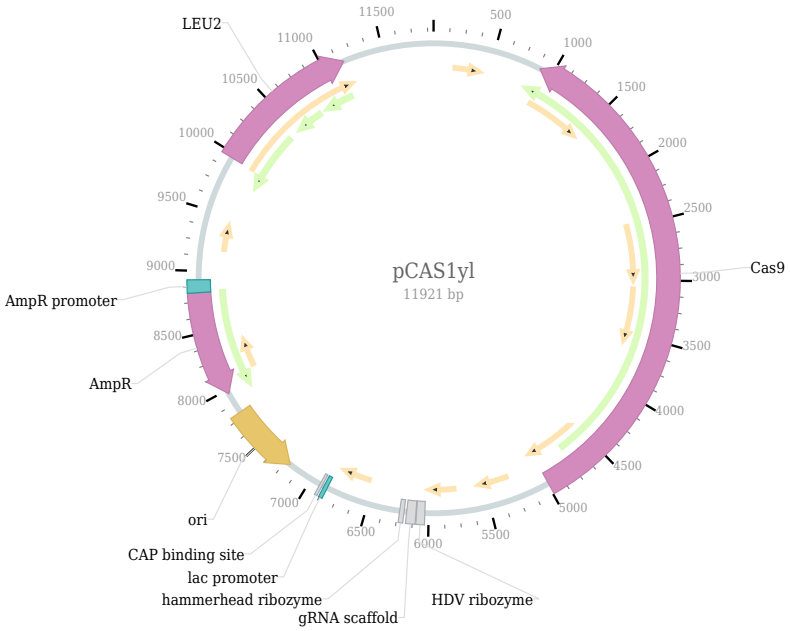
pCAS1yl

Vector ID	V016718
Antibiotic Resistance	Ampicillin
Length	11921 bp
Vector Type	Gene knockout
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Publication
Selection Marker	LEU2
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAS1yl is a CRISPR-Cas9 plasmid vector designed for constitutive expression of the Cas9 nuclease and sgRNA in the yeast Yarrowia lipolytica.

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 ℃.