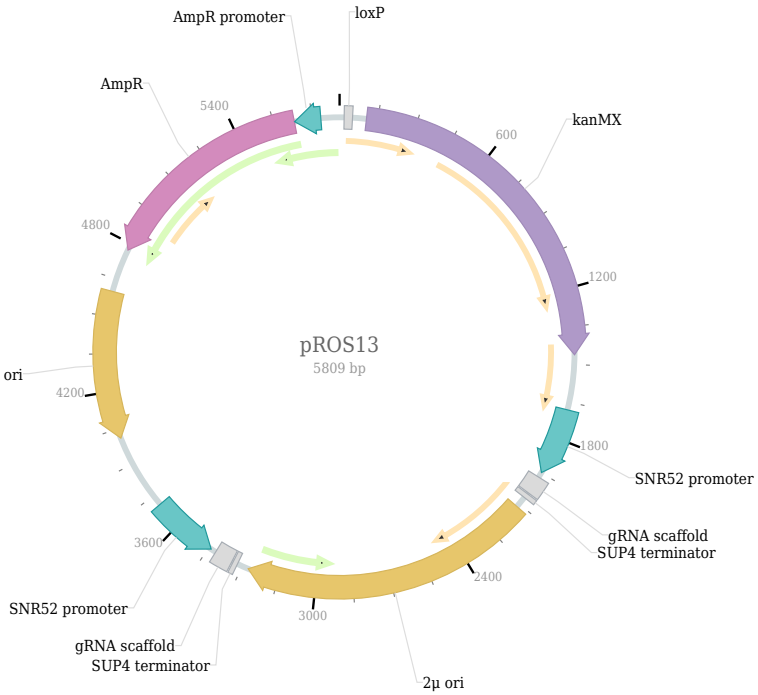
pROS13

Vector ID	V017742
Antibiotic Resistance	Ampicillin
Length	5809 bp
Vector Type	Gene-editing vector
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	SNR52
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pROS13 is a rhizobial expression vector that drives the expression of target genes for investigating nitrogen-fixation-related functions in rhizobia.

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 ℃.