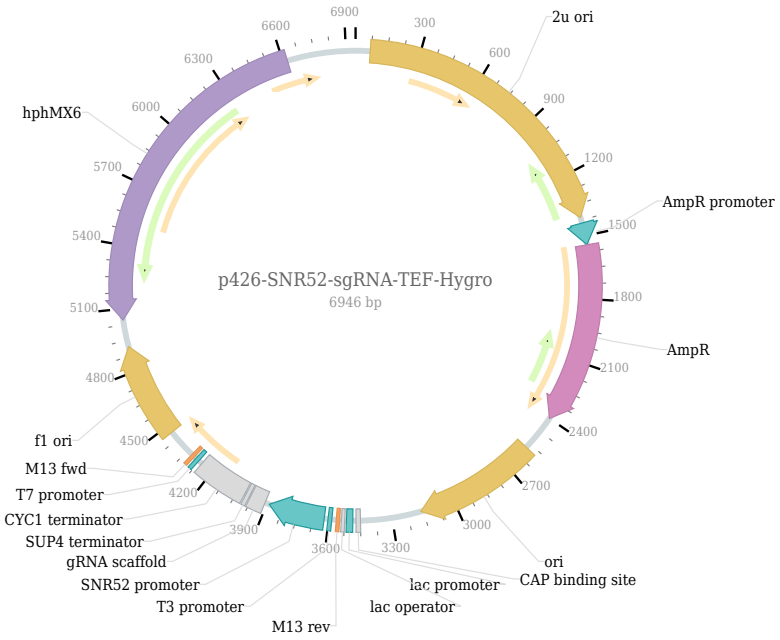
p426-SNR52-sgRNA-TEF-Hygro

Vector ID	V013728
Antibiotic Resistance	Ampicillin
Length	6946 bp
Vector Type	Gene knockout
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	TEF
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This is a 6946 bp yeast expression vector, p426-SNR52-sgRNA-TEF-Hygro. It is designed for expressing sgRNA under the control of the SNR52 promoter, with the TEF promoter driving the Hygromycin resistance gene. The vector includes a 2u origin for high-copy replication in yeast, an AmpR/ori cassette for bacterial propagation, and f1 ori for single-stranded DNA production.

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 ℃.