pRS143

载体编号 Vector ID	V017177
抗性 Antibiotic Resistance	Ampicillin
长度 Length	12434 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
启动子 Promoter	TEF
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pRS143 is a CRISPR interference (CRISPRi) plasmid for gene repression in Candida albicans. It expresses catalytically dead Cas9 (dCas9) from the TEF promoter and confers nourseothricin resistance (NrsR) for selection. Contains sgRNA cloning sites, NEUT5L integration, and AmpR for bacterial use.

质粒图谱



复溶方法

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 ℃.