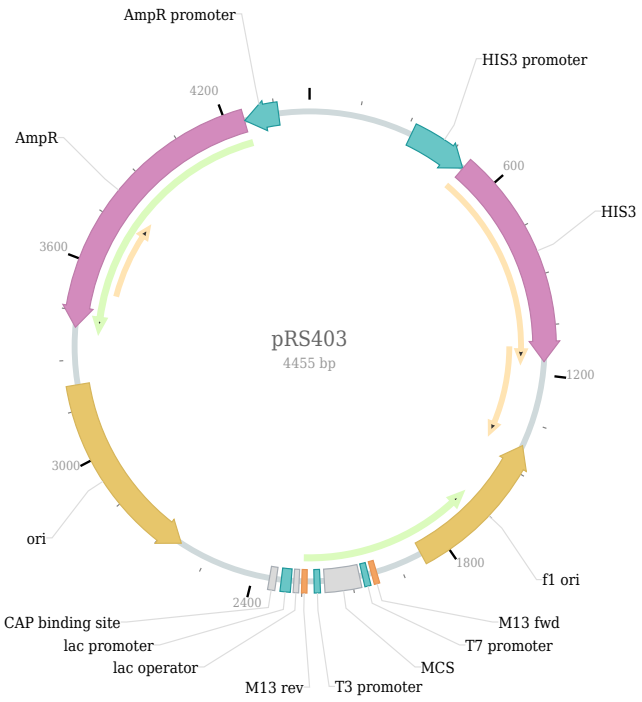
pRS403

载体编号 Vector ID	V010227
抗性 Antibiotic Resistance	Ampicillin
长度 Length	4455 bp
载体类型 Vector Type	Yeast Plasmids
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Sikorski RS, Hieter P.
拷贝数 Copy Number	High copy number
启动子 Promoter	HIS3
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pRS403 is a 4455 bp yeast integrating shuttle vector (YIp) derived from pBluescript II, carrying the Saccharomyces cerevisiae HIS3 selectable marker and an AmpR marker for E. coli propagation. Lacking CEN/ARS, it cannot replicate autonomously in yeast and must integrate into the host genome via homologous recombination at the HIS3 locus to be stably maintained.

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 ℃.