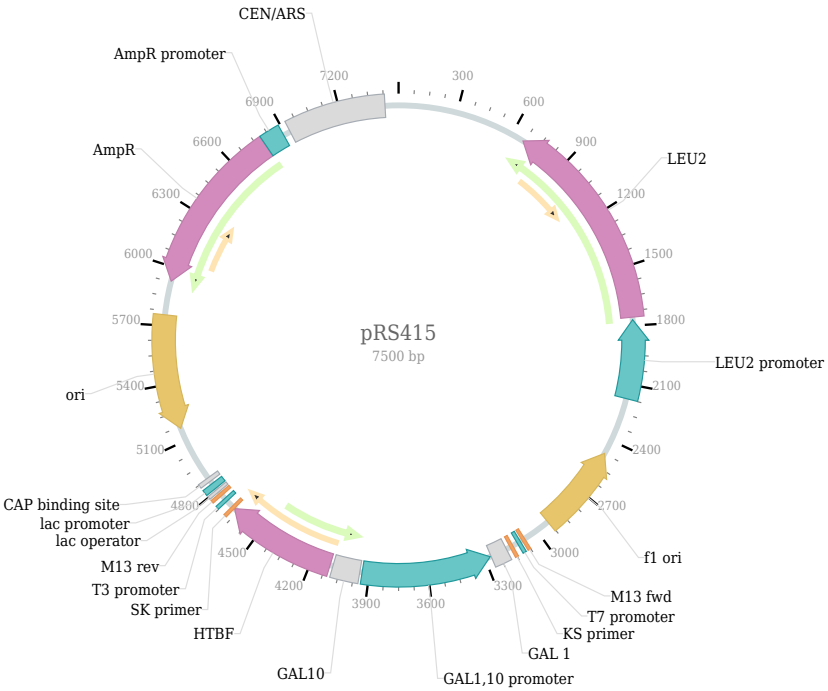
pRS415

载体编号 Vector ID	V010221
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7500 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	GAL1,10
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	DH10B
备注 Comment	This is a 7500 bp yeast shuttle vector, pRS415, designed for inducible gene expression and auxotrophic selection. It features the GAL1,10 promoter for galactose-inducible transcription and the LEU2 gene for leucine prototrophy in yeast. The vector also contains a CEN/ARS sequence for stable maintenance, a bacterial ori, and an AmpR gene for propagation and selection in E. coli.

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 ℃.