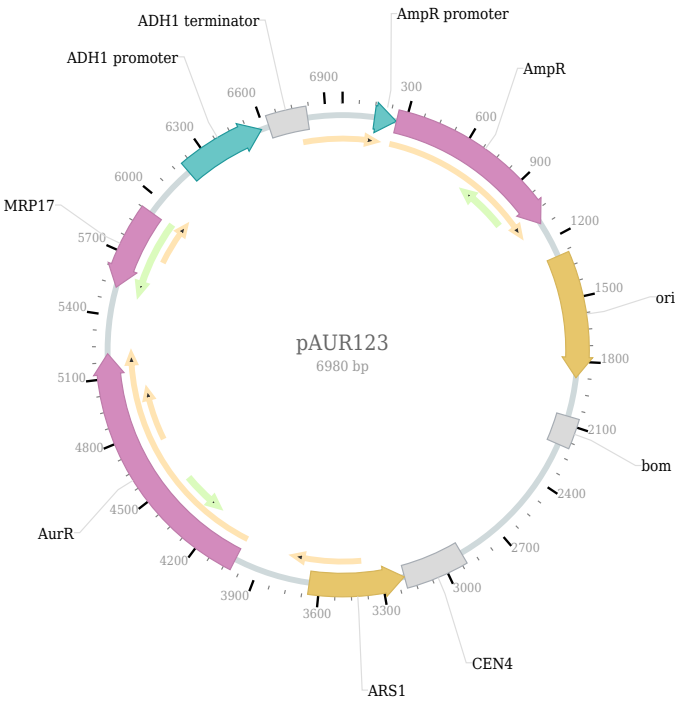
pAUR123

载体编号 Vector ID	V007475
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6980 bp
载体类型 Vector Type	Yeast Expression Vectors

产品信息

复制子 Replication Origin	ori
启动子 Promoter	ADH1
克隆方法 Cloning Method	Enzyme digestion and ligation
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pAUR123 is a yeast-E. coli shuttle vector. It contains an Aureobasidin A resistance gene for selection in yeast and an ampicillin resistance gene for selection in E. coli. The vector is designed for functional gene analysis in yeast, such as heterologous expression of target genes, as demonstrated by its use in expressing a cytochrome P450 gene (PqD12H) to study ginsenoside biosynthesis.

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 ℃.