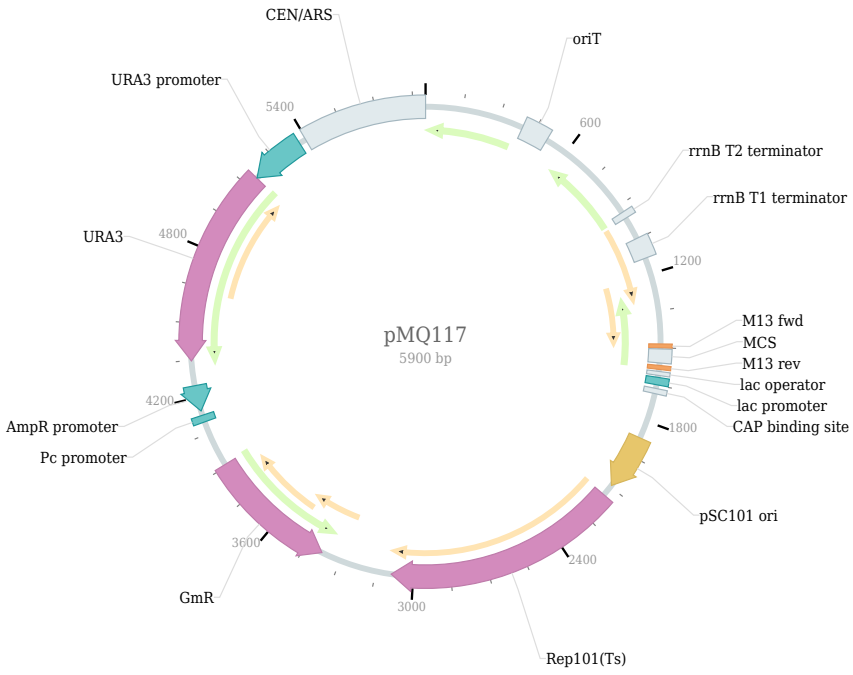
pMQ117

载体编号 Vector ID	V004527
抗性 Antibiotic Resistance	Gentamicin
长度 Length	5900 bp
载体类型 Vector Type	Cloning vector
宿主 Host	Yeast

产品信息

复制子 Replication Origin	pSC101 ori
来源 Source/Author	Shanks RM, Kadouri DE, MacEachran DP, O'Toole GA.
拷贝数 Copy Number	Low Copy
启动子 Promoter	URA3
培养温度 Growth Temperature	30℃
备注 Comment	pSC101 ori is a low-copy replication origin that requires the Rep101 protein, which is a temperature-sensitive protein. When bacteria containing a plasmid with this ori is cultured at 37℃, the plasmid will be lost.

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 ℃.