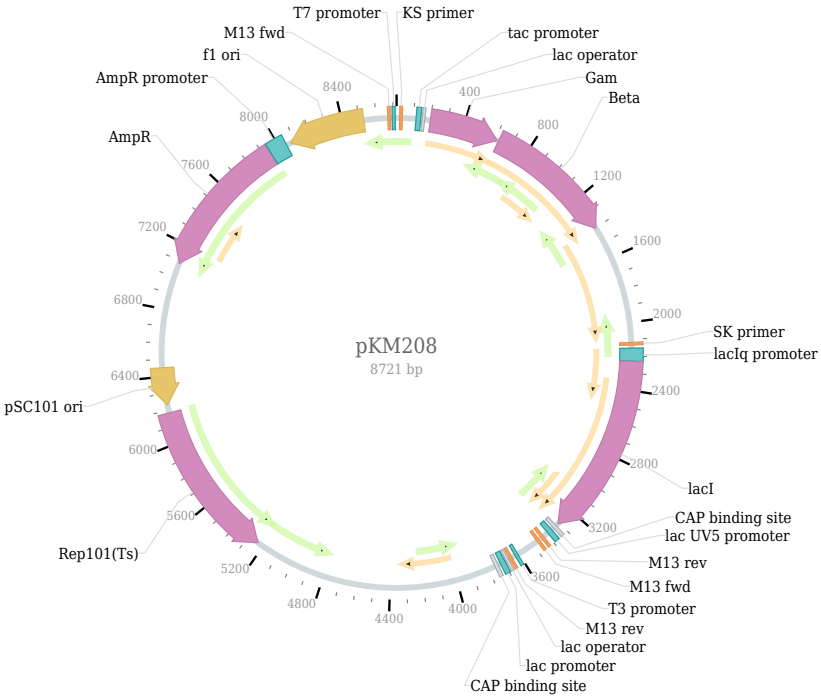
pKM208

载体编号 Vector ID	V014396
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8721 bp
载体类型 Vector Type	Genome editing
宿主 Host	E. coli

产品信息

复制子 Replication Origin	pSC101 ori
拷贝数 Copy Number	Low Copy
启动子 Promoter	Tac
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	30℃
备注 Comment	To maintain tight control over the expression of the red and gam genes before IPTG induction, a variation of pKM201 was constructed (pKM208) that expresses the lacI repressor gene. Notably, both pKM208 and the original pKM201 plasmid incorporate temperature-sensitive origins of replication. This design allows for convenient removal of these plasmids post-gene replacement.

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 ℃.