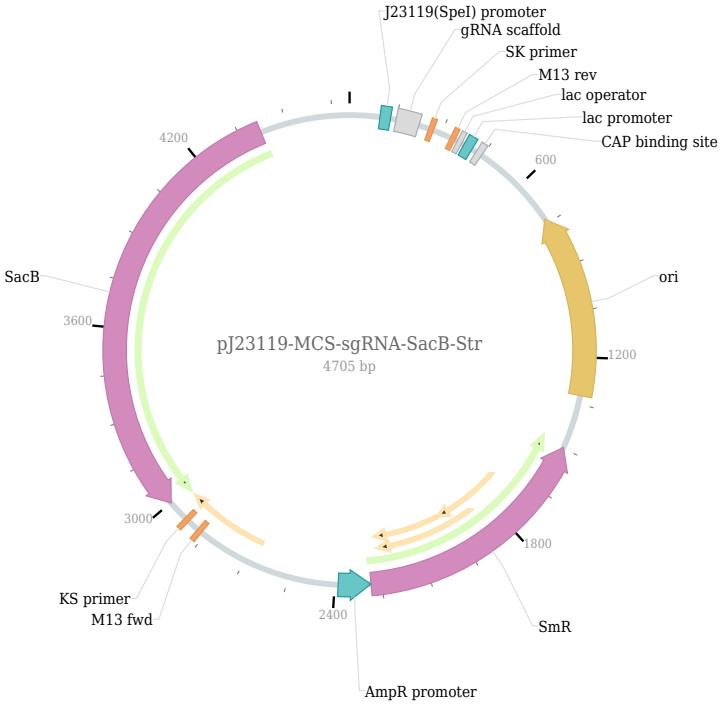
pJ23119-MCS-sgRNA-SacB-Str

载体编号 Vector ID	V014247
抗性 Antibiotic Resistance	Streptomycin
长度 Length	4705 bp
载体类型 Vector Type	Gene knockout
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	J23119
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pJ23119-MCS-sgRNA-SacB-Str is a bacterial CRISPR vector in which the constitutive J23119 promoter drives sgRNAs cloned into the MCS. Streptomycin resistance provides selection, while the sacB gene enables sucrose counter-selection for plasmid curing after editing. Designed for use with a separately supplied Cas9 in E. coli genome engineering workflows.

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 ℃.