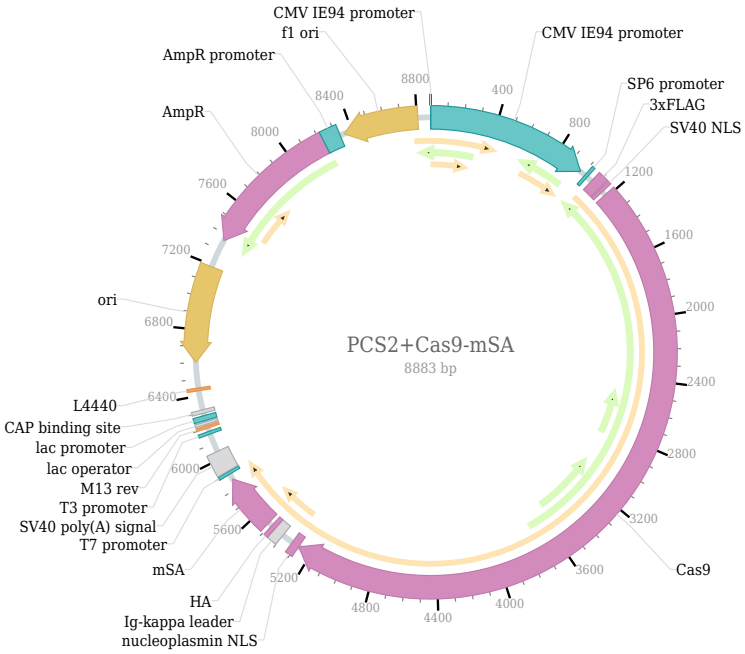
PCS2+Cas9-mSA

载体编号 Vector ID	V012113
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8883 bp
载体类型 Vector Type	CRISPR

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
启动子 Promoter	CMV IE94
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	ATTTAGGTGACACTAT
3' 引物 3' Primer	CCTGTGTGAAATTGTTATCC
培养菌株 Growth Strain(s)	DH10B
备注 Comment	PCS2+Cas9-mSA uses SP6 to drive in vitro transcription of Cas9 fused C-terminally to monomeric streptavidin. The mRNA is microinjected with sgRNA and biotinylated donors into mouse embryos to boost HDR for targeted large insertions and endogenous tagging.

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 ℃.