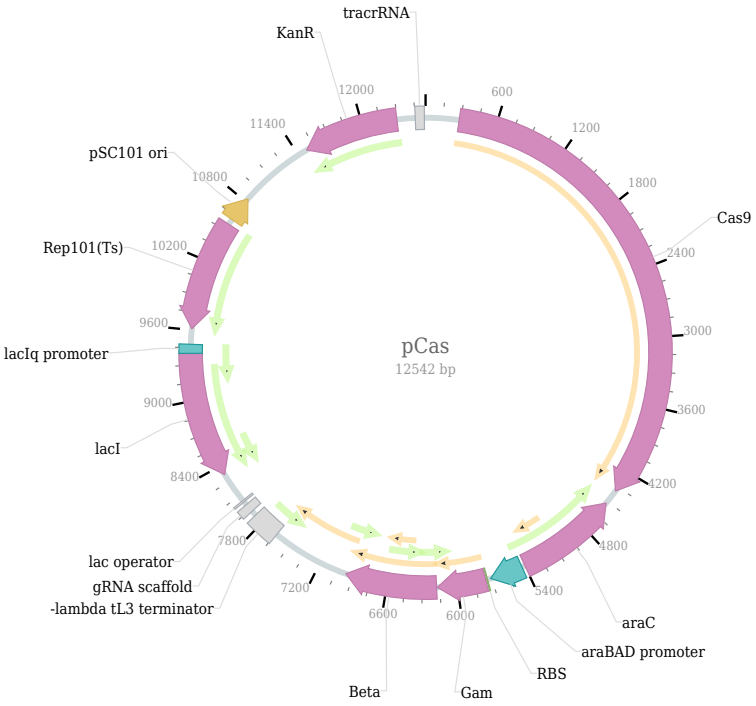
pCas

载体编号 Vector ID	V012287
抗性 Antibiotic Resistance	Kanamycin
长度 Length	12542 bp
载体类型 Vector Type	CRISPR Plasmids

产品信息

复制子 Replication Origin	pSC101 ori
来源 Source/Author	Jiang Y, Chen B, Duan C, Sun B, Yang J, Yang S.
拷贝数 Copy Number	Low Copy
启动子 Promoter	araBAD
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	30℃
备注 Comment	pCas is for constitutive expression of cas9 and inducible expression of lambda RED and sgR. It can work together with the pTargetF vector (V012144). Please note that it must be grown at 30C. Vector has temperature-sensitive replication (RepA101ts).

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 ℃.