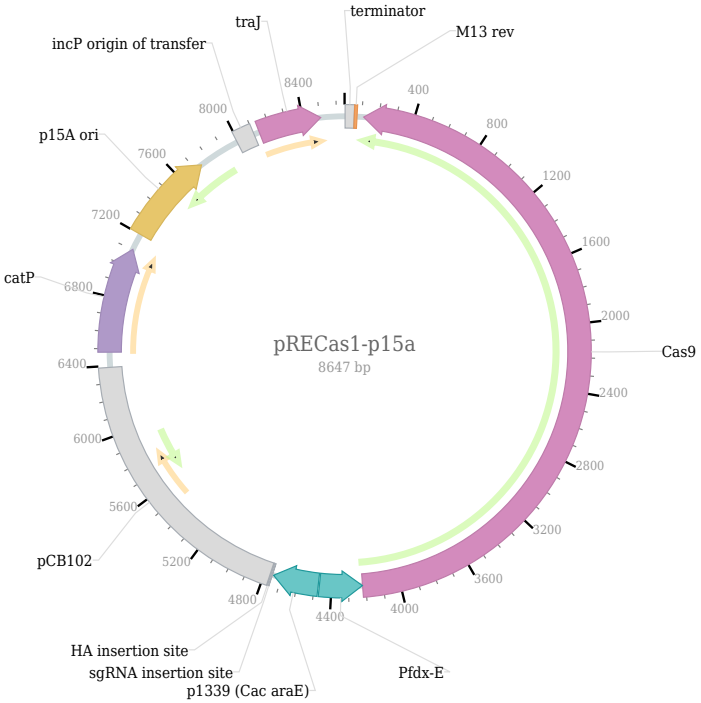
pRECas1-p15a

载体编号 Vector ID	V017499
抗性 Antibiotic Resistance	Chloramphenicol
长度 Length	8647 bp
载体类型 Vector Type	CRISPR Plasmids

产品信息

来源 Source/Author	Cañadas IC, Groothuis D, Zygouropoulou M, Rodrigues R, Minton NP.
启动子 Promoter	Pfdx
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	A universal CRISPR_Cas9 gene editing system for broad application in Clostridia and other anaerobic Gram+ species, comprising 5 vectors. This is pRECas1-p15a. In RiboCas, Cas9 has been placed under the control of a tightly regulated, theophylline responsive riboswitch. The system overcomes many of the issues relating to Cas9 toxicity in both the shuttle host and intended target.

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 ℃.