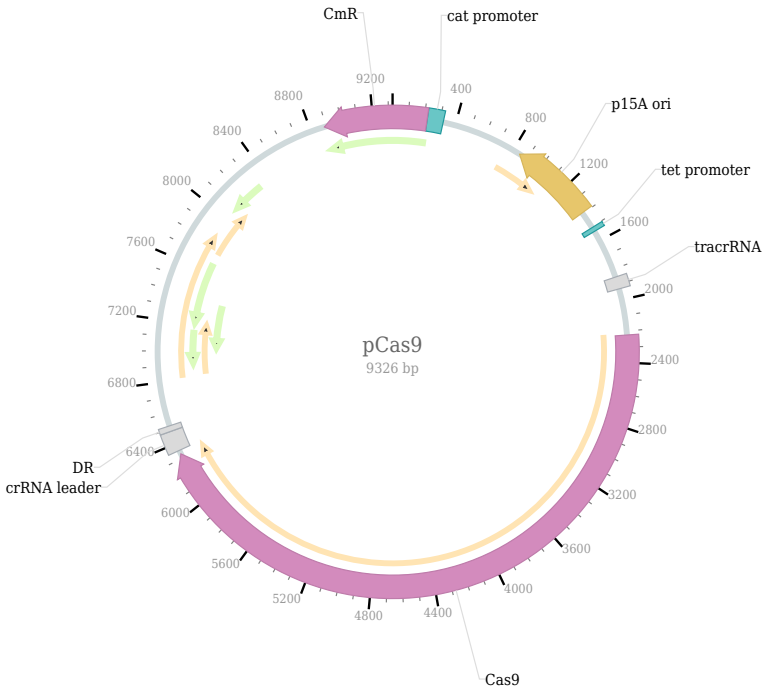
pCas9

Vector ID	V012286
Antibiotic Resistance	Chloramphenicol
Length	9326 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	p15A ori
Source/Author	Jiang W, Bikard D, Cox D, Zhang F, Marraffini LA.
Copy Number	Medium copy number
Growth Strain(s)	JM108
Comment	pCas9 is a CRISPR/Cas9 plasmid for reconstituting the S. pyogenes CRISPR/Cas system in E. coli, used with pCRISPR for E. coli gene knockout.

Vector Map



Plasmid Resuspension Protocol

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 ℃.