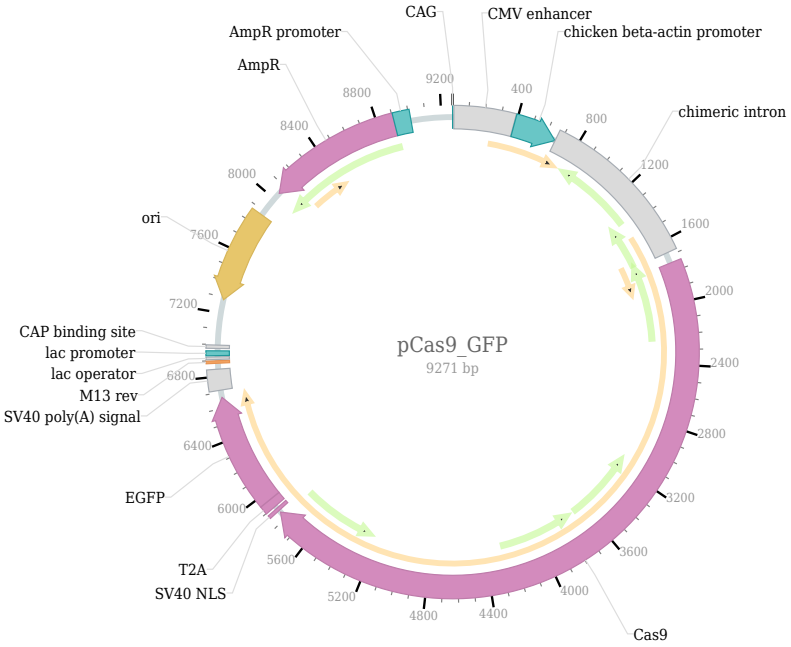
pCas9_GFP

Vector ID	V012284
Antibiotic Resistance	Ampicillin
Length	9271 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Source/Author	Musunuru Lab / Addgene #44719
Copy Number	High copy number
Promoter	CAG
Growth Strain(s)	DH10B
Comment	pCas9_GFP is a plasmid co-expressing human codon-optimized Cas9 nuclease and GFP, plasmid optimized for expression in human pluripotent stem cells.

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 ℃.