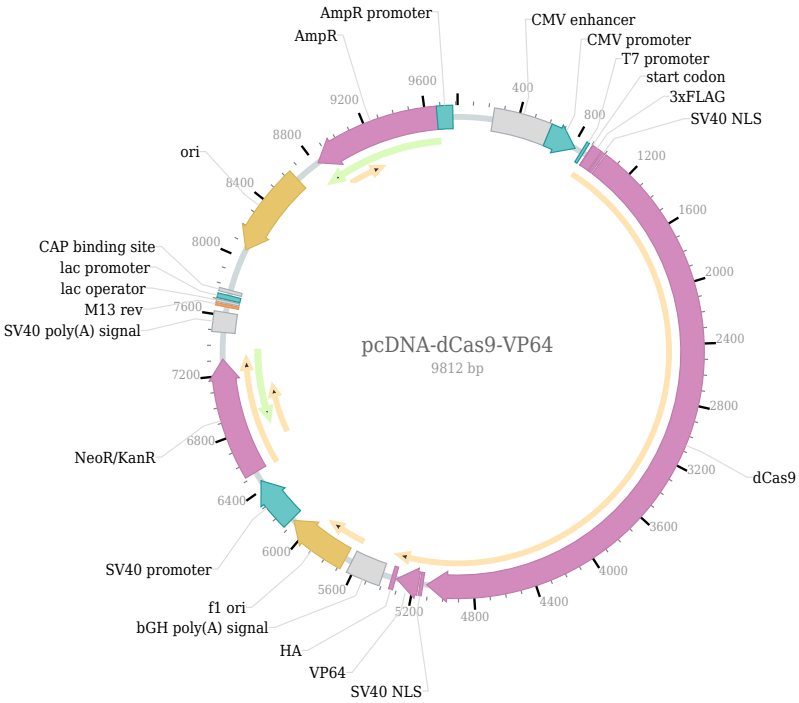
pcDNA-dCas9-VP64

Vector ID	V012281
Antibiotic Resistance	Ampicillin
Length	9812 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Source/Author	Perez-Pinera P, Kocak DD, Vockley CM, Adler AF, Kabadi AM, Polstein
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Comment	Expresses inactivated S. pyogenes dCas9 (D10A, H840A) fused to VP64 transactivator domain in mammalian 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 ℃.