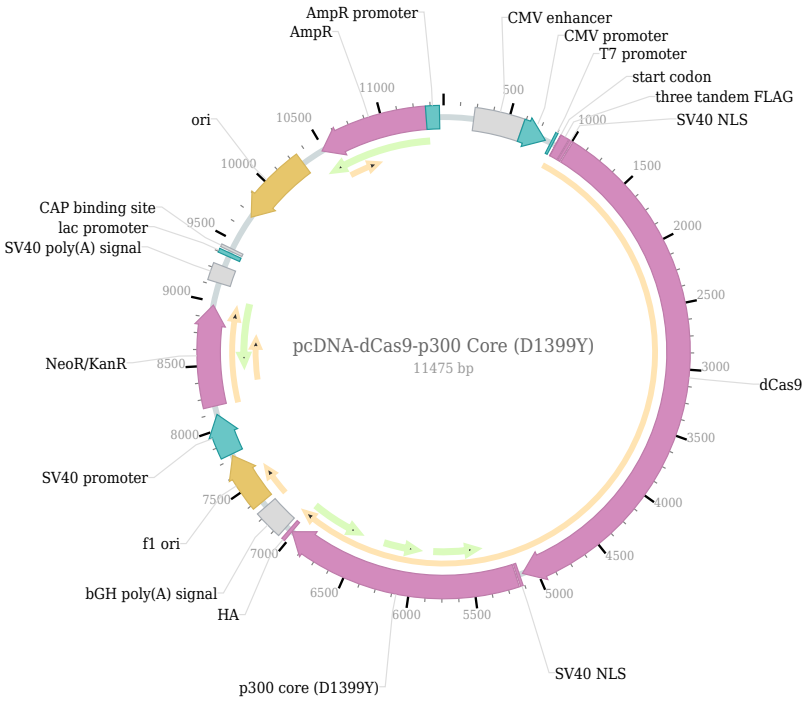
pcDNA-dCas9-p300 Core (D1399Y)

Vector ID	V012283
Antibiotic Resistance	Ampicillin
Length	11475 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Source/Author	Hilton IB, D'Ippolito AM, Vockley CM, Thakore PI, Crawford GE, Reddy
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pcDNA-dCas9-p300 Core (D1399Y) is a plasmid encoding S. pyogenes dCas9 with C-terminal fusion of human p300 HAT core (aa 1048-1664; inactivating mutation D1399Y) driven by CMV promoter.

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 ℃.