# pcDNA-dCas9-p300 Core (D1399Y)

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| **载体编号 Vector ID** | V012283 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 11475 bp |
| **载体类型 Vector Type** | CRISPR Plasmids |

## 产品信息

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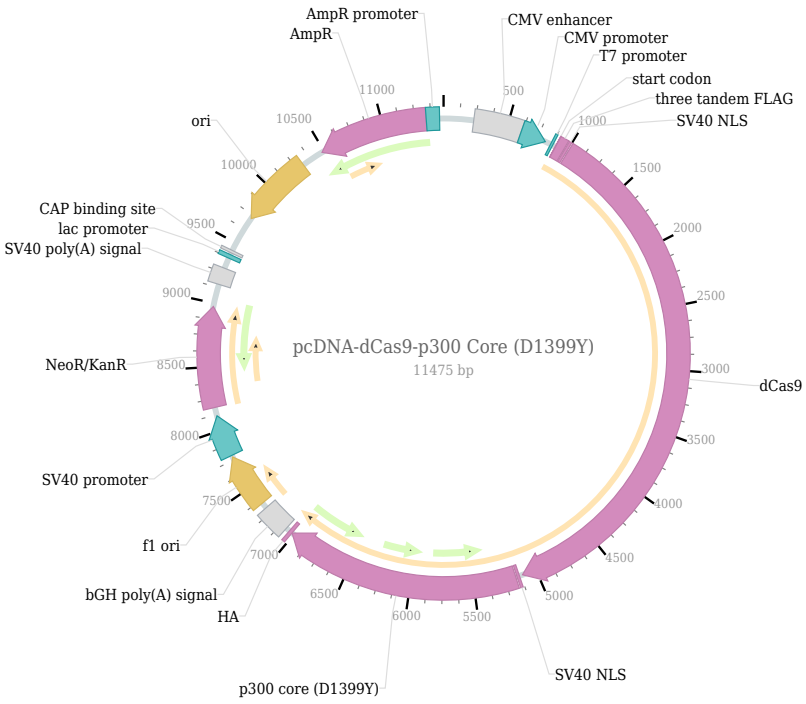
|---|---|
| **复制子 Replication Origin** | ori |
| **来源 Source/Author** | Hilton IB, D'Ippolito AM, Vockley CM, Thakore PI, Crawford GE, Reddy |
| **筛选标记 Selection Marker** | Neomycin/G418(Geneticin) |
| **拷贝数 Copy Number** | High copy number |
| **培养菌株 Growth Strain(s)** | DH10B |
| **备注 Comment** | pcDNA-dCas9-p300 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. |

## 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 ℃.