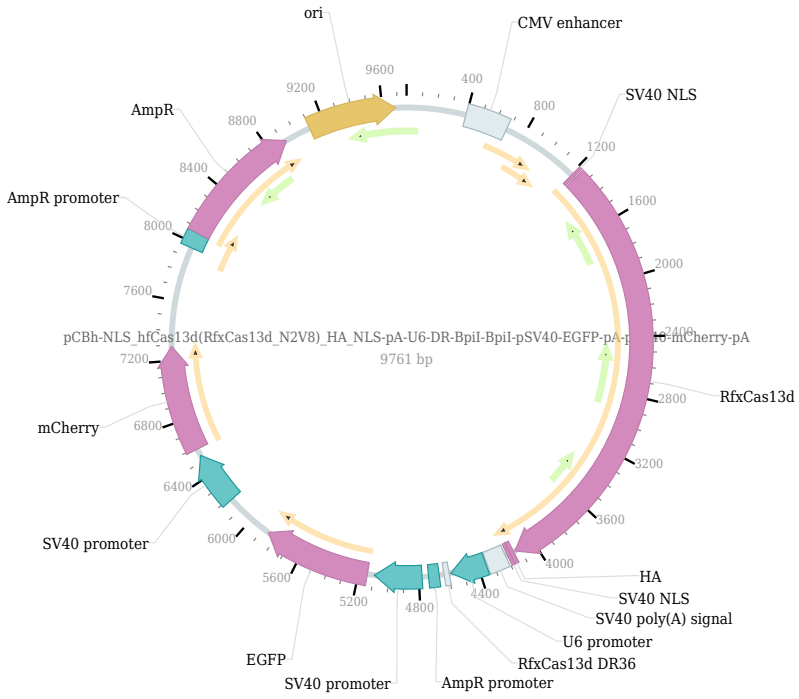
pCBh-NLS_hfCas13d(RfxCas13d_N2V8)_HA_NLS-pA-U6-DR-BpiI-BpiI-pSV40-EGFP-pA-pSV40-mCherry-pA

Vector ID	V017324
Antibiotic Resistance	Ampicillin
Length	9761 bp
Vector Type	Genome editing
Host	Mammalian cells

Product Information

Replication Origin	ori
Source/Author	Huawei Tong
Copy Number	High copy number
Promoter	CBh
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This vector contains a CBh promoter driving high-fidelity,a human codon-optimized RfxCas13d (hfCas13d), an hU6 promoter for guide RNAs, and SV40 promoters for EGFP and mCherry expression.

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 ℃.