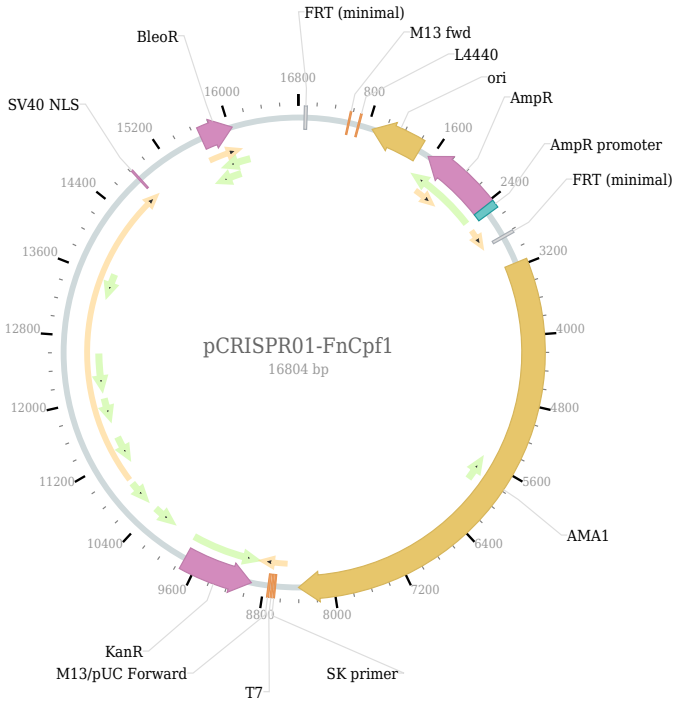
pCRISPR01-FnCpf1

Vector ID	V014652
Antibiotic Resistance	Ampicillin, Kanamycin
Length	16804 bp
Vector Type	Genome editing
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	TEF1
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCRISPR01-FnCpf1 is an AMA1-based fungal editing vector carrying bleomycin and kanamycin resistance. It expresses codon-optimized Francisella novicida Cpf1 fused to an SV40 nuclear localization signal, driven by the constitutive Aspergillus nidulans TEF1 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 ℃.