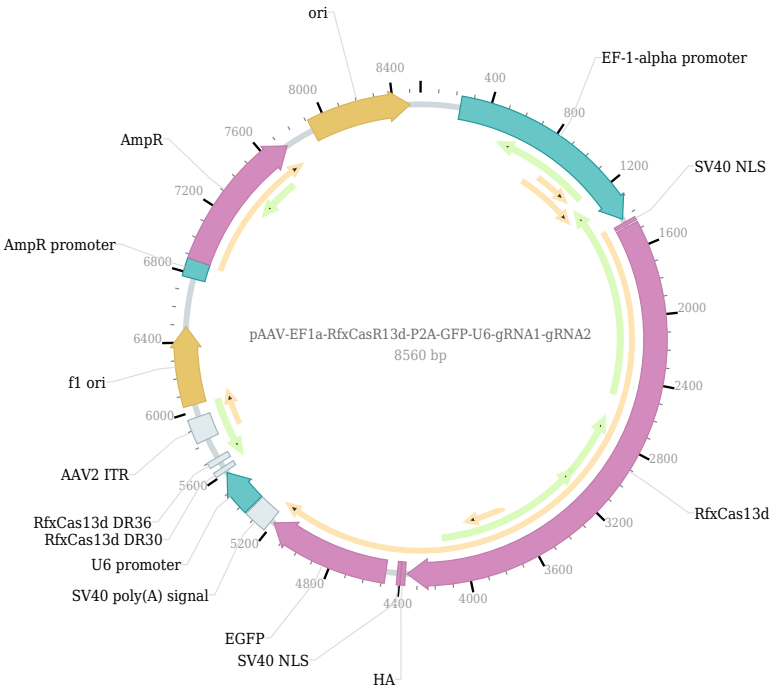
pAAV-EF1a-RfxCasR13d-P2A-GFP-U6-gRNA1-gRNA2

Vector ID	V013865
Antibiotic Resistance	Ampicillin
Length	8560 bp
Vector Type	Gene knockout
Host	Mammalian cells, Adeno-associated virus

Product Information

Replication Origin	ori
Promoter	EF-1α
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAAV-EF1a-RfxCasR13d-P2A-GFP-U6-gRNA1-gRNA2 is an AAV-delivered CRISPR-Cas13d vector. EF1a drives RfxCas13d-P2A-GFP, while U6 promoters express gRNAs for RNA-targeting transcriptome engineering.

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 ℃.