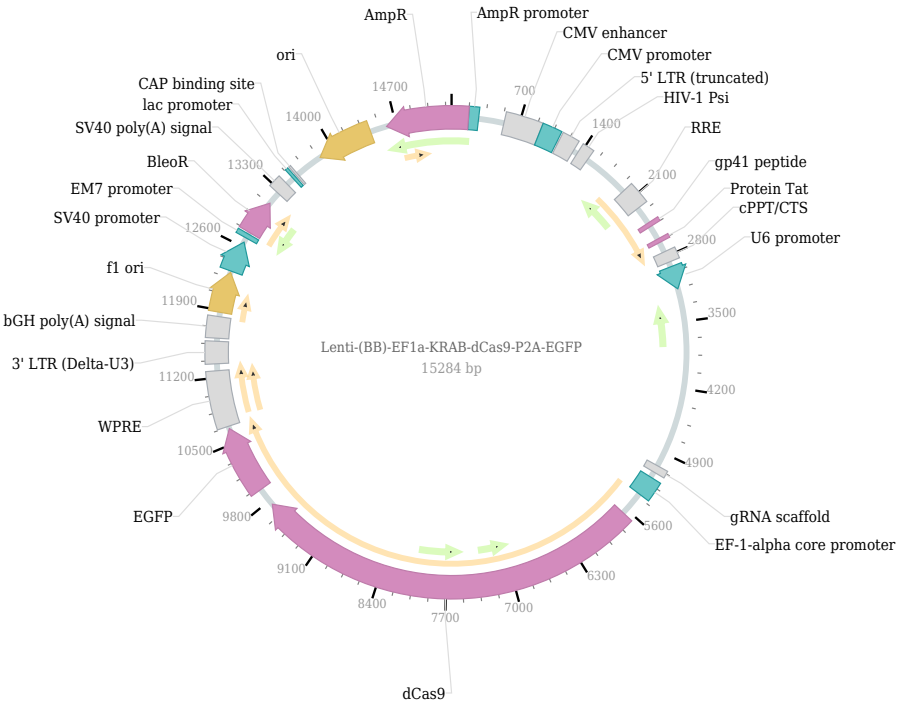
Lenti-(BB)-EF1a-KRAB-dCas9-P2A-EGFP

Vector ID	V006687
Antibiotic Resistance	Ampicillin
Length	15284 bp
Vector Type	Mammalian Expression, Lentiviral, CRISPR

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	U6
Cloning Method	Gibson Cloning
5' Primer	TAAGAAGTACGGCGGCTTCG
Comment	Lenti-(BB)-EF1a-KRAB-dCas9-P2A-EGFP is a catalytically inactive Cas9 from S. pyogenes with P2A-EGFP under the EF1a core promoter, and cloning backbone for sgRNA. Contains BsmBI sites for insertion of spacer sequences.

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 ℃.