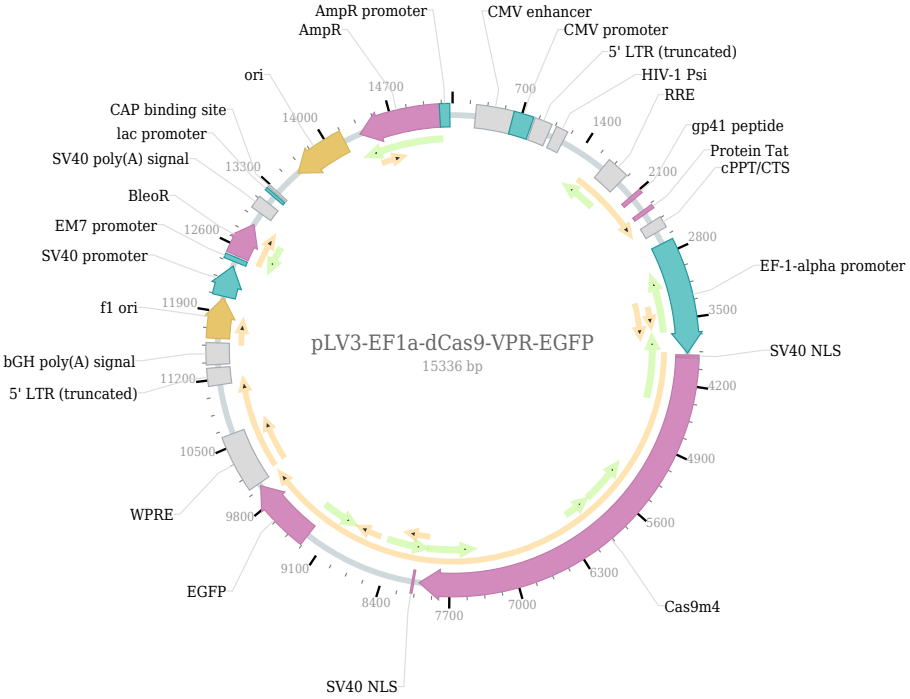
pLV3-EF1a-dCas9-VPR-EGFP

载体编号 Vector ID	V014379
抗性 Antibiotic Resistance	Ampicillin
长度 Length	15336 bp
载体类型 Vector Type	Genome editing
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High copy number
启动子 Promoter	EF-1α
培养温度 Growth Temperature	30℃
备注 Comment	The plasmid vector pLV3-EF1a-dCas9-VPR-EGFP is a lentiviral-based CRISPR tool designed for gene activation. It uses the EF1a promoter to express a dCas9-VPR fusion protein, which, when guided by a specific RNA, can transcriptionally activate target genes. It includes an EGFP marker for visualization and an Amp resistance gene for prokaryotic selection.

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 ℃.