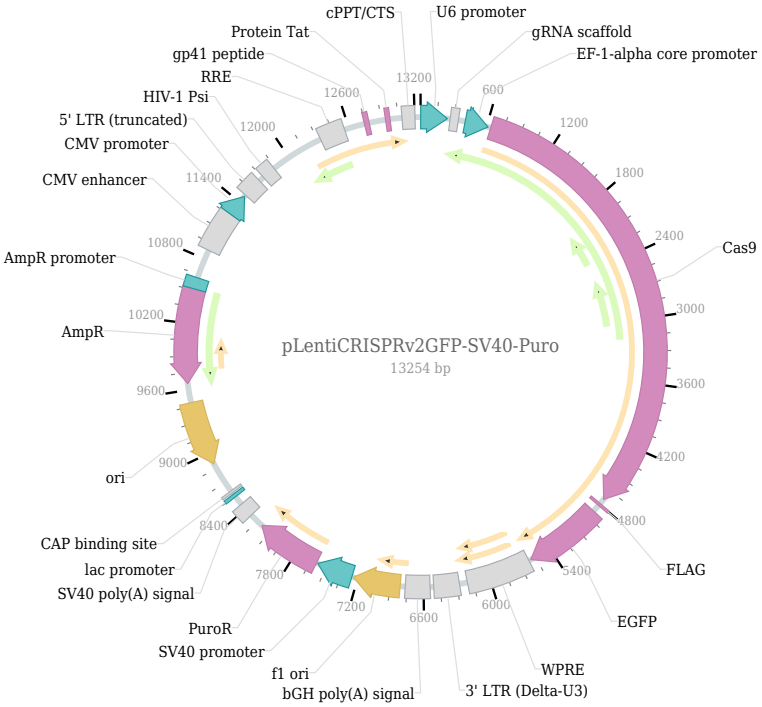
pLentiCRISPRv2GFP-SV40-Puro

载体编号 Vector ID	V013998
抗性 Antibiotic Resistance	Ampicillin
长度 Length	13254 bp
载体类型 Vector Type	Gene knockout
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	U6
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLentiCRISPRv2GFP-SV40-Puro is a lentiviral CRISPR/Cas9 vector derived from lentiCRISPRv2, co-expressing SpCas9, U6 promoter-driven sgRNA, EGFP, and SV40 promoter-driven puromycin resistance in a single backbone. Enables one-vector CRISPR knockout screens and stable edited cell lines with fluorescent tracking and antibiotic selection (Sanjana et al. 2014).

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 ℃.