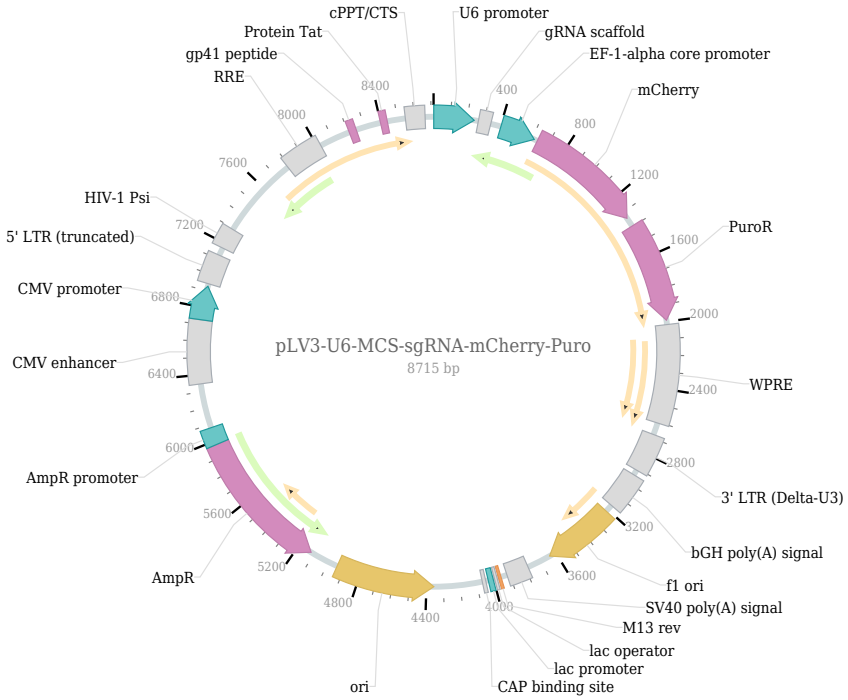
pLV3-U6-MCS-sgRNA-mCherry-Puro

载体编号 Vector ID	V014756
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8715 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
筛选标记 Selection Marker	Puro
启动子 Promoter	U6
5' 引物 5' Primer	U6-F：GAGGGCCTATTTCCCATGA
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLV3-U6-MCS-sgRNA-mCherry-Puro is a pLV3 lentiviral sgRNA expression vector (Cas9 supplied separately) in which the U6 promoter transcribes guide RNAs from the MCS, with mCherry fluorescence and puromycin resistance for tracking and selecting transduced cells in CRISPR knockout and pooled screening experiments. AmpR, Stbl3.

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 ℃.