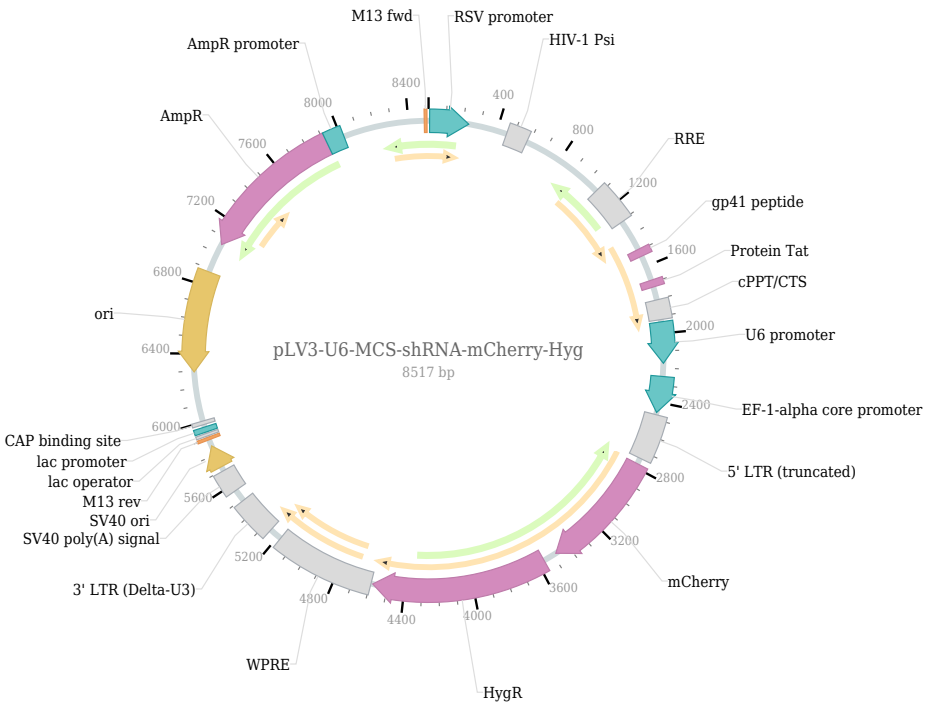
pLV3-U6-MCS-shRNA-mCherry-Hyg

载体编号 Vector ID	V014644
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8517 bp
载体类型 Vector Type	RNA interference
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Hyg
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-shRNA-mCherry-Hyg is a pLV3 lentiviral RNAi vector in which the U6 promoter transcribes shRNAs cloned into the MCS for stable knockdown, with mCherry fluorescence monitoring and hygromycin resistance for selection, useful for dual-knockdown experiments alongside puromycin-marked constructs. AmpR, Stbl3 propagation.

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 ℃.