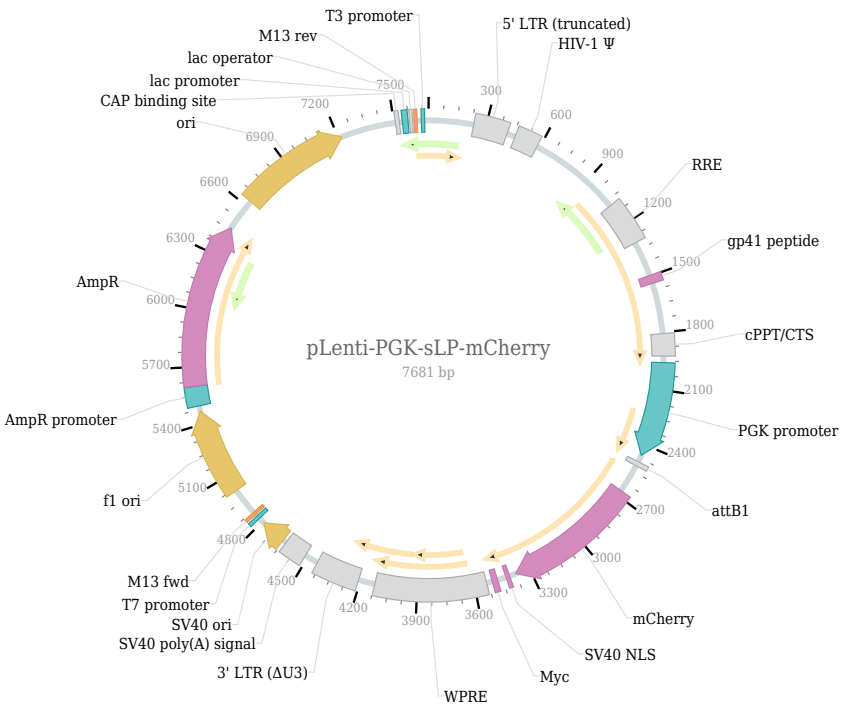
pLenti-PGK-sLP-mCherry

载体编号 Vector ID	V040776
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7681 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	mCherry
拷贝数 Copy Number	High
启动子 Promoter	PGK
3' 引物 3' Primer	WPRE-R
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	pLenti-PGK-sLP-mCherry is the Cherry-niche labeling lentiviral vector. It encodes mCherry fused to a soluble peptide and a modified lipo-permeable TATk peptide, driven by the mouse PGK promoter. Cancer cells secrete sLP-mCherry, which neighboring host cells take up, enabling spatial identification of the metastatic niche.

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 ℃.