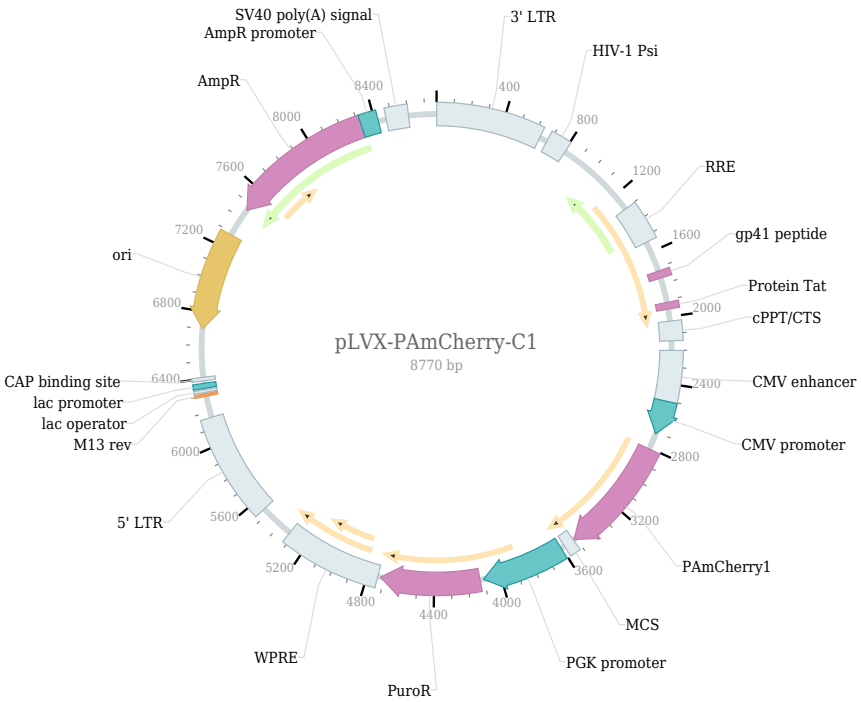
pLVX-PAmCherry-C1

载体编号 Vector ID	V012717
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8770 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Clontech
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	High copy number
启动子 Promoter	mPGK
克隆方法 Cloning Method	Enzyme Cut
融合标签 Fusion Tag	PAmCherry
表达方式 Expression Method	Constiutive, Stable
备注 Comment	pLVX-PAmCherry-C1 Vector is an HIV-1-based, lentiviral expression vector. Lentiviral particles derived from the vector allow you to infect cells and express your gene of interest fused to PAmCherry, a photoactivatable mutant of the fluorescent protein mCherry. PAmCherry is non-fluorescence until photoactivated by a short exposure to light at a wavelength between 350 nm and 400 nm. The excitation/emission wavelengths of photoactivated PAmCherry are 564 nm and 595 nm. Genes cloned into the MCS will be expressed as fusions to the C-terminus of PAmCherry if they are in the same reading frame as PAmCherry and there are no intervening stop codons.

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 ℃.