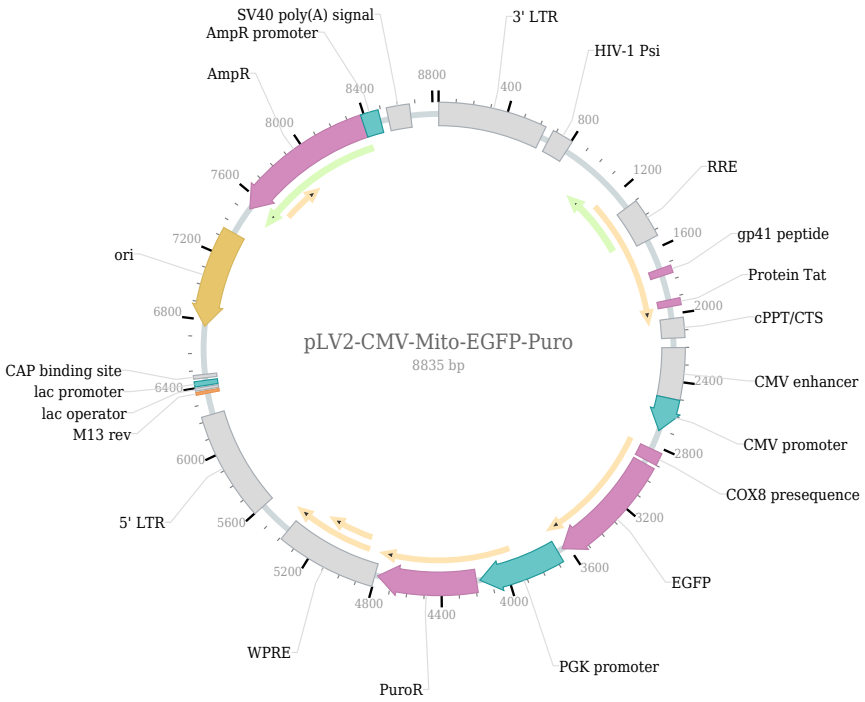
pLV2-CMV-Mito-EGFP-Puro

载体编号 Vector ID	V014458
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8835 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	Puro
启动子 Promoter	mPGK
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLV2-CMV-Mito-EGFP-Puro is a pLV2 lentiviral vector expressing mitochondria-targeted EGFP under the CMV promoter, typically via a COX8 mitochondrial targeting sequence, for live-cell imaging of mitochondrial morphology, dynamics and stress. Puromycin resistance enables stable cell-line generation; AmpR and Stbl3 propagation support lentiviral packaging.

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 ℃.