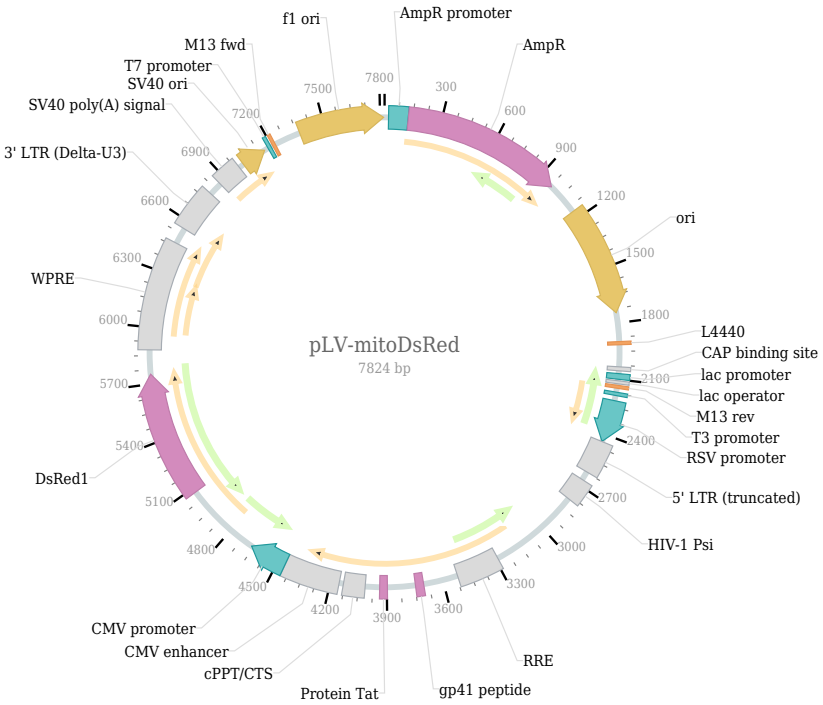
pLV-mitoDsRed

载体编号 Vector ID	V007321
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7824 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	High Copy
启动子 Promoter	RSV
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	CMV-F
3' 引物 3' Primer	WPRE-R
培养菌株 Growth Strain(s)	Stbl3
备注 Comment	pLV-mitoDsRed is a lentiviral expression vector containing a DsRed reporter gene specifically localised to the mitochondrial matrix or intermembrane space, enabling the visualisation of mitochondrial morphology, distribution, and dynamic changes.

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 ℃.