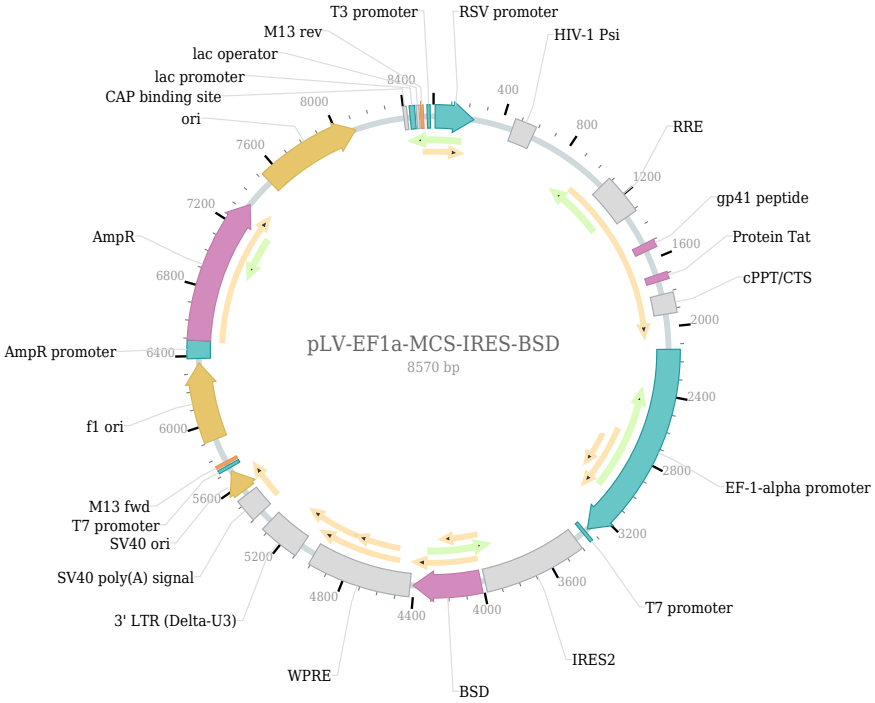
pLV-EF1a-MCS-IRES-BSD

载体编号 Vector ID	V014289
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8570 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	Blast
启动子 Promoter	EF-1α
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLV-EF1a-MCS-IRES-BSD (8.6 kb) is a lentiviral vector for constitutive expression of two genes. It features an EF-1-alpha promoter driving a transgene cloned into the MCS, followed by an IRES (internal ribosome entry site) and the BSD (blasticidin resistance) gene for selection. Lentiviral elements include RSV promoter, 5'LTR, HIV-1 Ψ (packaging signal), RRE, cPPT/CTS, gp41 peptide, Tat protein, WPRE, and 3'ΔU3 LTR. The vector also carries AmpR, f1 ori, SV40 ori/poly(A), and both T3/T7 promoters for in vitro transcription.

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 ℃.