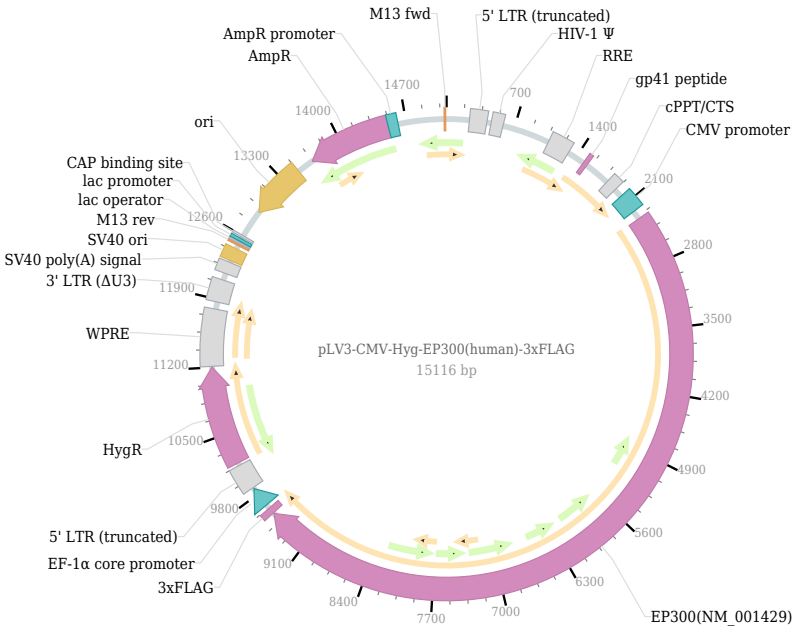
pLV3-CMV-Hyg-EP300(human)-3xFLAG

载体编号 Vector ID	V041947
登录号 Accession ID	NM_001429.4
抗性 Antibiotic Resistance	Ampicillin
长度 Length	15116 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	Hyg
拷贝数 Copy Number	High
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
融合标签 Fusion Tag	3xFLAG
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	This is a 15116 bp third-generation lentiviral vector, pLV3-CMV-Hyg-EP300(human)-3xFLAG. It is designed to express the human EP300 gene (NM_001429) fused with a 3xFLAG tag under the control of the strong CMV promoter. The vector includes the HygR gene for antibiotic selection and all essential HIV-1 packaging elements (Ψ, RRE, cPPT/CTS) for efficient viral production. It also features the EF-1α core promoter for robust transgene expression.

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 ℃.