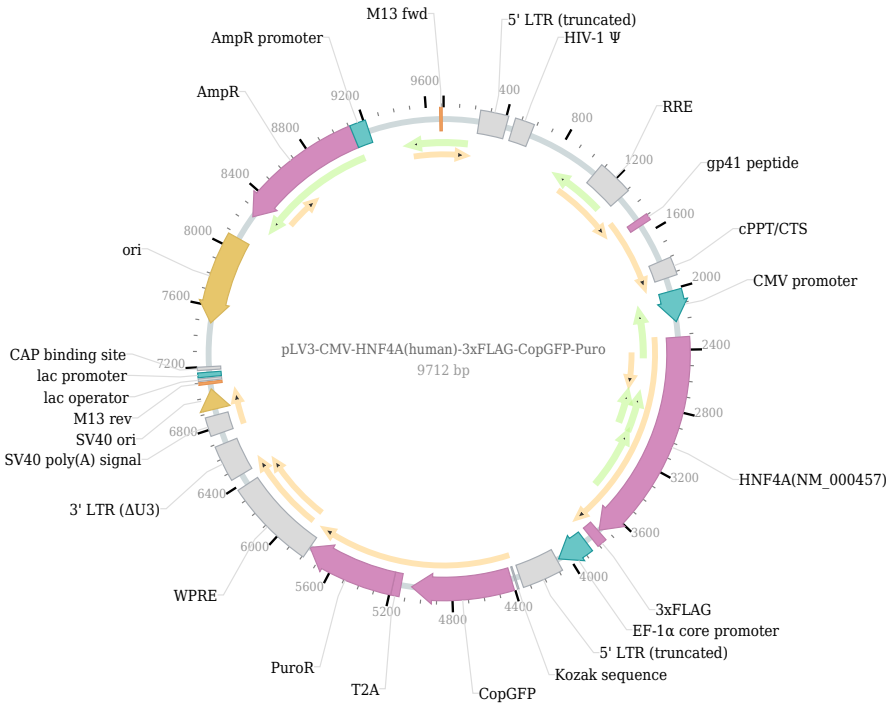
pLV3-CMV-HNF4A(human)-3xFLAG-CopGFP-Puro

载体编号 Vector ID	V042269
登录号 Accession ID	NM_000457.6
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9712 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;CopGFP
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	pLV3-CMV-HNF4A(human)-3xFLAG-CopGFP-Puro is a lentiviral expression vector, which is designed for expressing the human HNF4A gene with an N-terminal 3xFLAG tag and a C-terminal CopGFP fluorescent protein, driven by a CMV promoter. A PuroR gene under the PGK promoter allows for stable cell selection. Key elements include HIV-1 LTRs, RRE, Tat, and cPPT/CTS for efficient viral packaging and transduction, along with an AmpR/ori cassette for bacterial propagation.

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 ℃.