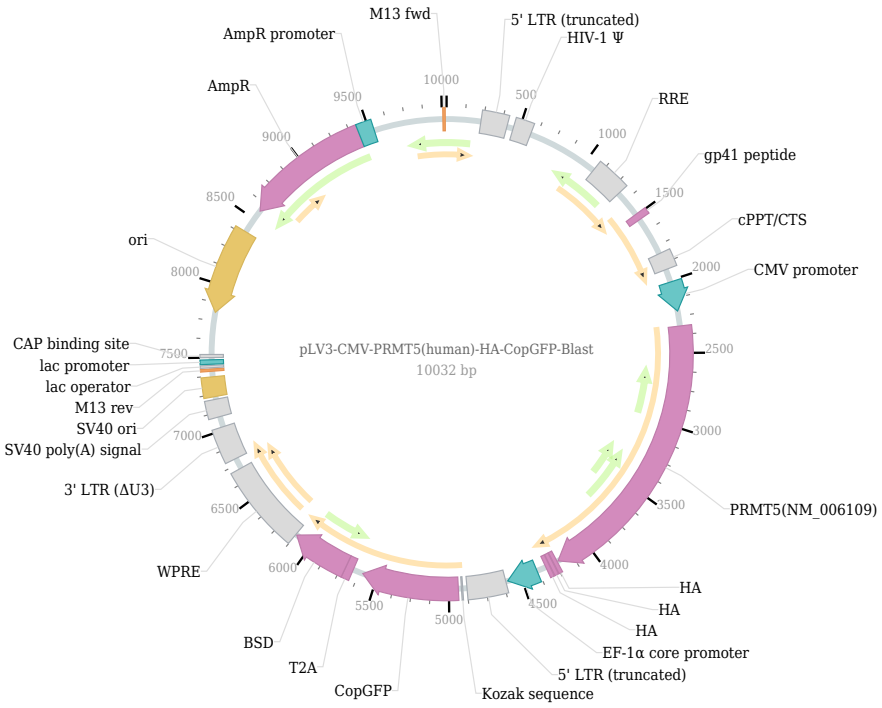
pLV3-CMV-PRMT5(human)-HA-CopGFP-Blast

载体编号 Vector ID	V034591
登录号 Accession ID	NM_006109.5
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10032 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;CopGFP
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F
融合标签 Fusion Tag	HA
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-PRMT5(human)-HA-CopGFP-Blast is designed for constitutive expression of the human PRMT5 gene fused with an HA tag and CopGFP reporter, driven by the CMV promoter. The vector utilizes an EF-1α core promoter to drive the Blast (bleomycin) resistance gene. It also contains essential HIV-1 derived elements, including the RRE for enhanced viral RNA stability and the cPPT/CTS for efficient nuclear import.

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 ℃.