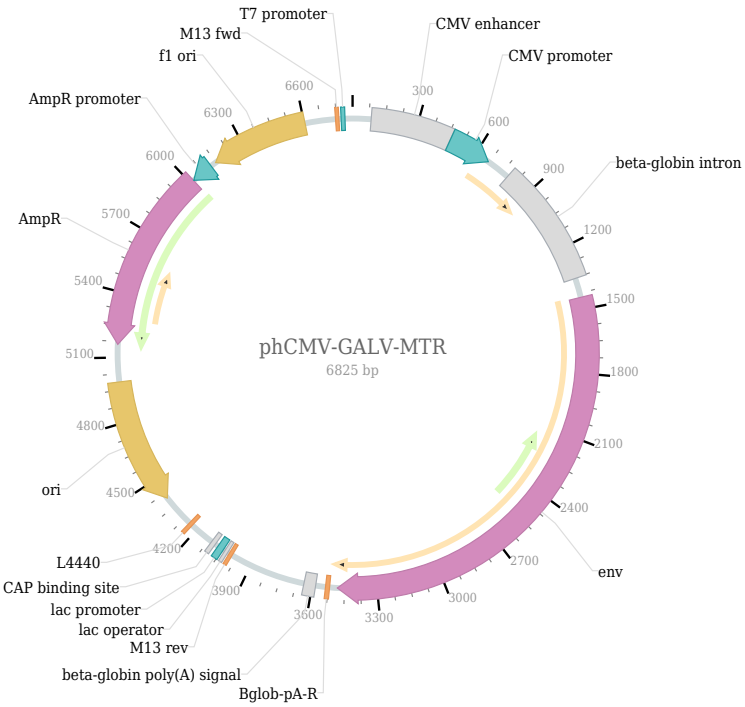
phCMV-GALV-MTR

载体编号 Vector ID	V000819
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6825 bp
载体类型 Vector Type	Mammalian Expression

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	CTGGTCATCATCCTGCCTTT
3' 引物 3' Primer	TTTTGGCAGAGGGAAAAAGA
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	phCMV-GALV-MTR, functioning as a retroviral packaging plasmid, drives GALV-MTR envelope protein expression via the CMV promoter to generate pseudotyped viruses. These efficiently infect primary human B cells to establish lymphoma models, enabling stable gene delivery and functional analysis.

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 ℃.