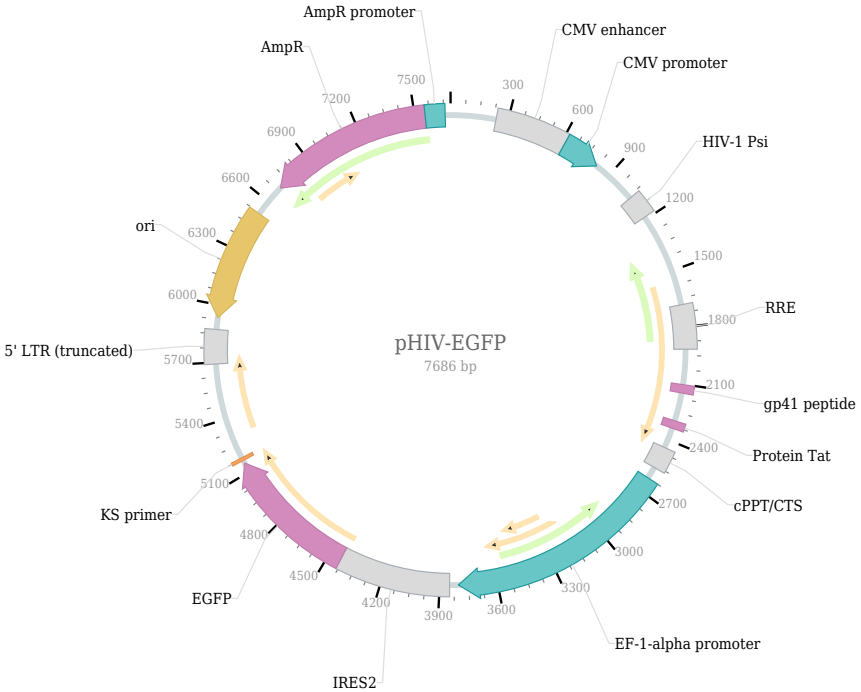
pHIV-EGFP

载体编号 Vector ID	V016827
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7686 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
启动子 Promoter	EF-1α
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	The pHIV-EGFP plasmid is a lentiviral expression vector containing EF1α promoter-driven multiple cloning sites (MCS) and IRES-EGFP reporter. It enables simultaneous expression of target genes and GFP fluorescence for tracking transfected cells. The HpaI/EcoRI restriction sites facilitate gene insertion, while the IRES sequence allows bicistronic translation.

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 ℃.