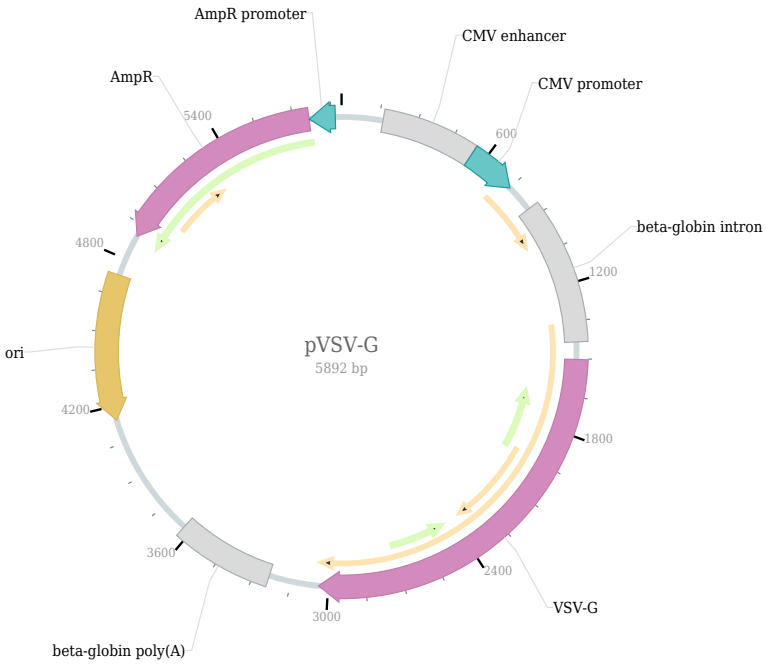
pVSV-G

载体编号 Vector ID	V012883
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5892 bp
载体类型 Vector Type	Packaging assistance
宿主 Host	Mammalian cells, Retrovirus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	pVSV-G expresses the G glycoprotein of the vesicular stomatitis virus (VSV-G) under the control of the CMV immediate-early promoter (1). VSV-G is used in pseudotyping of Moloney Murine Leukenia Virus (MMLV)-based retroviral vectors by mediating viral entry. VSV-G interacts with phospholipid components of the target cell membrane and fosters the fusion of viral and cellular membranes (2). VSV-G does not require a cell surface receptor and can serve as a surrogate viral envelope protein. pVSV-G Vector includes IVS, a synthetic intron known to enhance the stability of the mRNA (3), the Col E1 origin of replication and bacterial ampicillin rsistance (Ampr) gene for propagation and antibiotic selection in bacteria.

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 ℃.