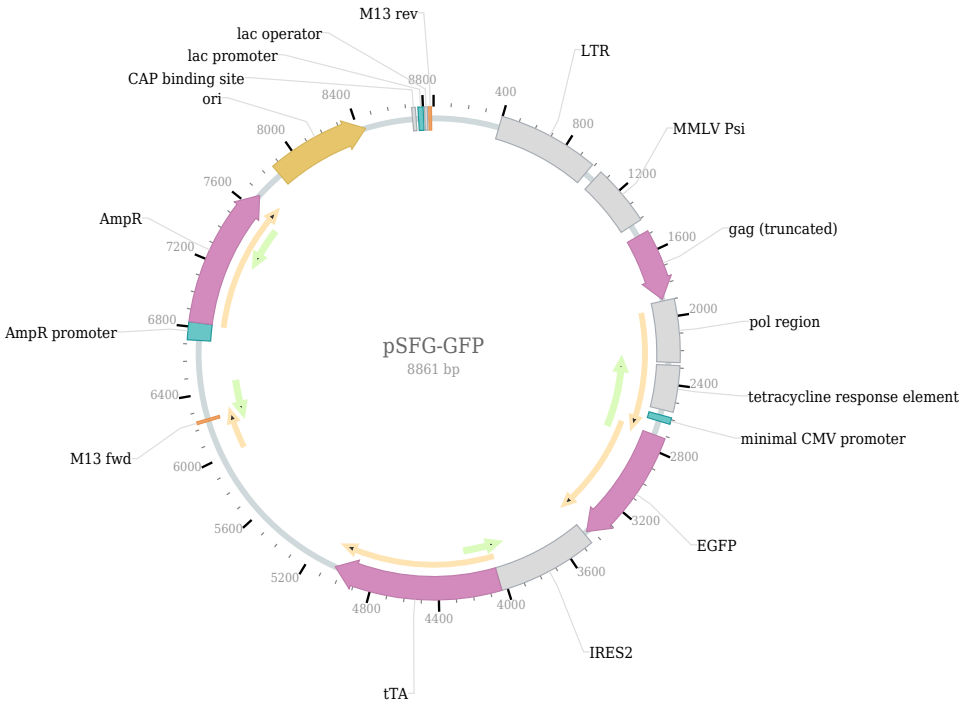
pSFG-GFP

载体编号 Vector ID	V017477
抗性 Antibiotic Resistance	Ampicillin
长度 Length	8861 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Retrovirus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	Tet
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pSFG-GFP is a retroviral empty control vector derived from pSFG backbone carrying GFP reporter tag. It serves as blank control against pSFG-TFII-I-GFP in rescue experiments of TFII-I-knockdown fibroblasts. Retroviruses packaged from this plasmid infect murine NIH 3T3 cells to deliver GFP alone without target transgene. Its GFP signal marks successfully transduced cells to validate viral delivery efficiency.

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 ℃.