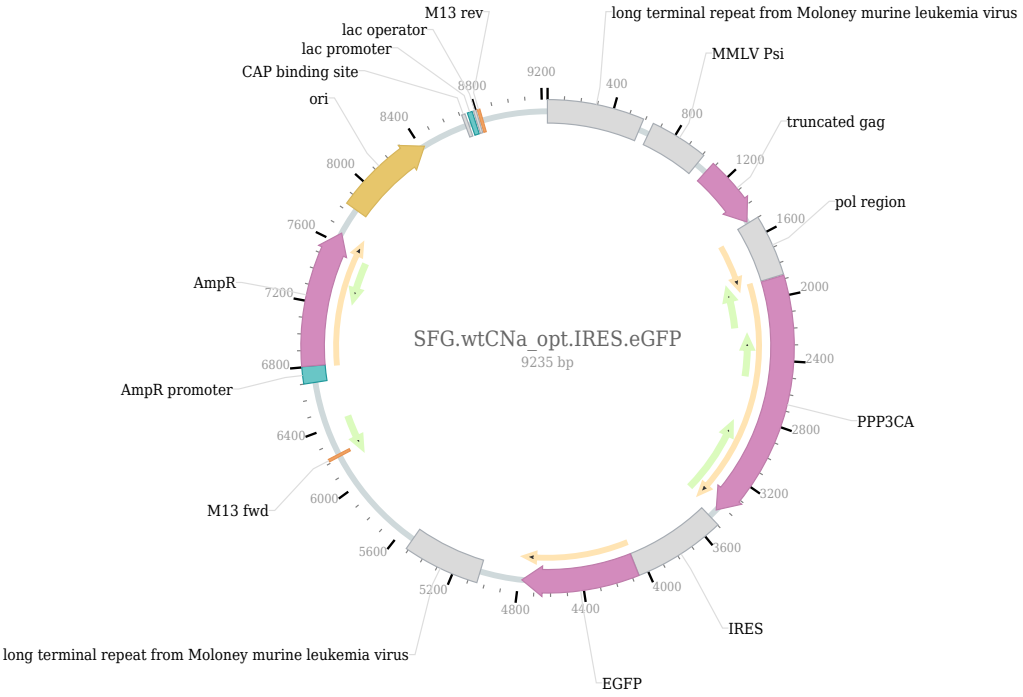
SFG.wtCNa_opt.IRES.eGFP

载体编号 Vector ID	V016980
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9235 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	MMLV
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	SFG.wtCNa_opt.IRES.eGFP is a retroviral expression vector that confers resistance to cyclosporine A inhibition in T cells via a codon-optimised wild-type calcineurin A (CNA) gene, whilst utilising an IRES element to enable synchronous eGFP expression for cell tracking. This vector is employed to generate anti-immunosuppression EB virus-specific T cells, sustaining their proliferative and cytotoxic functions within immunosuppressed environments.

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 ℃.