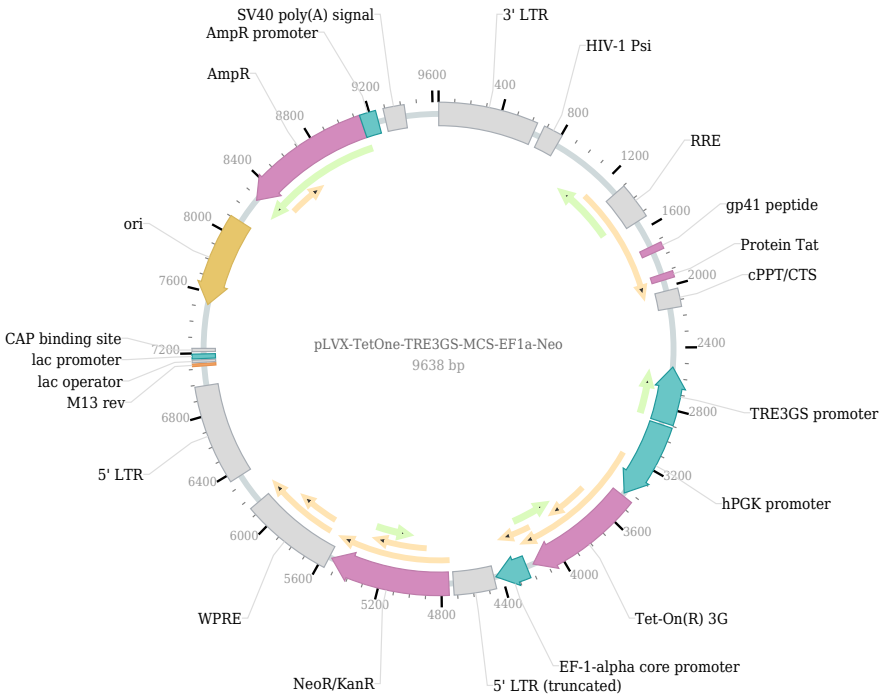
pLVX-TetOne-TRE3GS-MCS-EF1a-Neo

载体编号 Vector ID	V014645
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9638 bp
载体类型 Vector Type	Protein expression, Tetracycline inducible
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
启动子 Promoter	hPGK
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLVX-TetOne-TRE3GS-MCS-EF1a-Neo is a lentiviral vector containing multiple cloning sites for convenient gene insertion. It relies on doxycycline binding to the Tet-On 3G system, combined with the TRE3GS promoter, to induce expression of the exogenous gene. Driven by EF1a, it confers Neomycin resistance, supporting G418 selection for stable cells and enabling controlled long-term expression.

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 ℃.