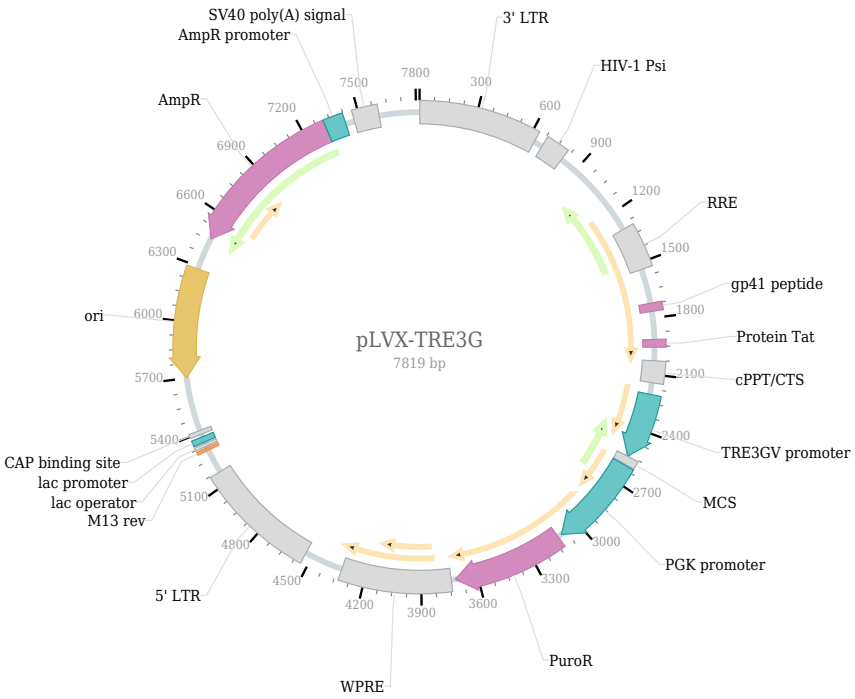
pLVX-TRE3G

载体编号 Vector ID	V010412
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7819 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Clontech
拷贝数 Copy Number	High copy number
启动子 Promoter	mPGK
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pLVX-TRE3G is a Clontech self-inactivating lentiviral vector whose TRE3Gv promoter—seven tet operator sites upstream of a minimal CMV promoter—drives doxycycline-regulated transgene expression. It must partner with pLVX-Tet3G, which constitutively expresses the rtTAv10 transactivator. Dox binding triggers rtTA3G–TRE3G interaction, achieving ~100-fold more sensitive, tightly switchable expression in difficult-to-transfect cells.

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 ℃.