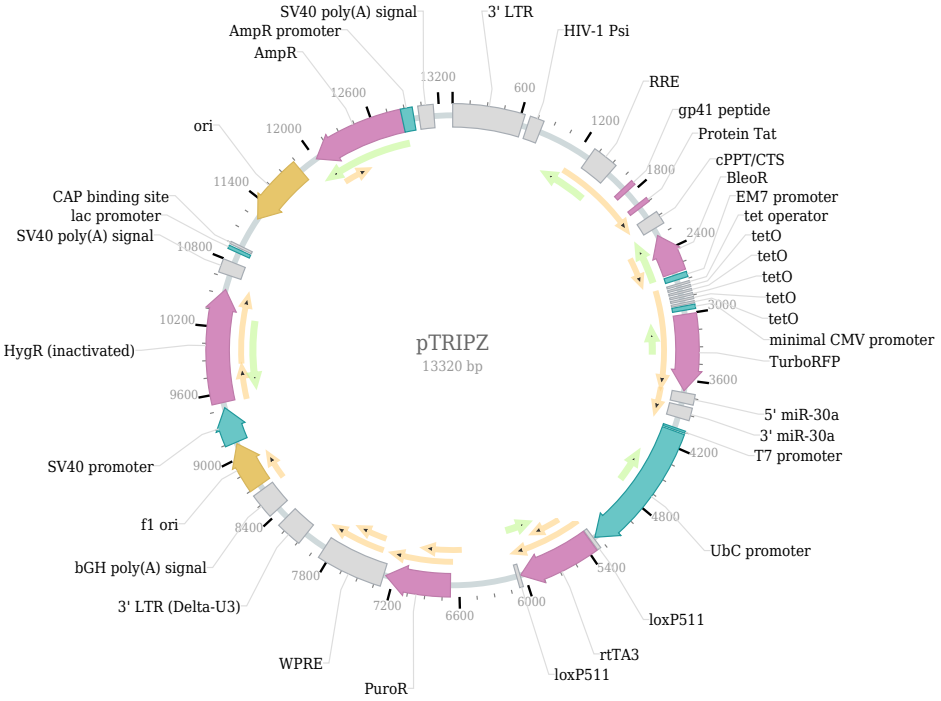
pTRIPZ

载体编号 Vector ID	V010351
抗性 Antibiotic Resistance	Ampicillin
长度 Length	13320 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	Open Biosystems
拷贝数 Copy Number	High copy number
启动子 Promoter	UbC
培养菌株 Growth Strain(s)	Stbl3
备注 Comment	The Thermo Scientific TRIPZ Inducible Lentiviral shRNA Collection was developed in collaboration with Dr. Greg Hannon of Cold Spring Harbor Laboratory (CSHL) and Dr. Steve Elledge of Harvard Medical School. This collection combines the design advantages of microRNA-adapted short hairpin RNA (shRNA) with the pTRIPZ lentiviral inducible vector to create a powerful RNAi trigger capable of producing gene silencing. The vector is engineered to be Tet-On and produces tightly regulated induction of shRNA expression in the presence of doxycycline.

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 ℃.