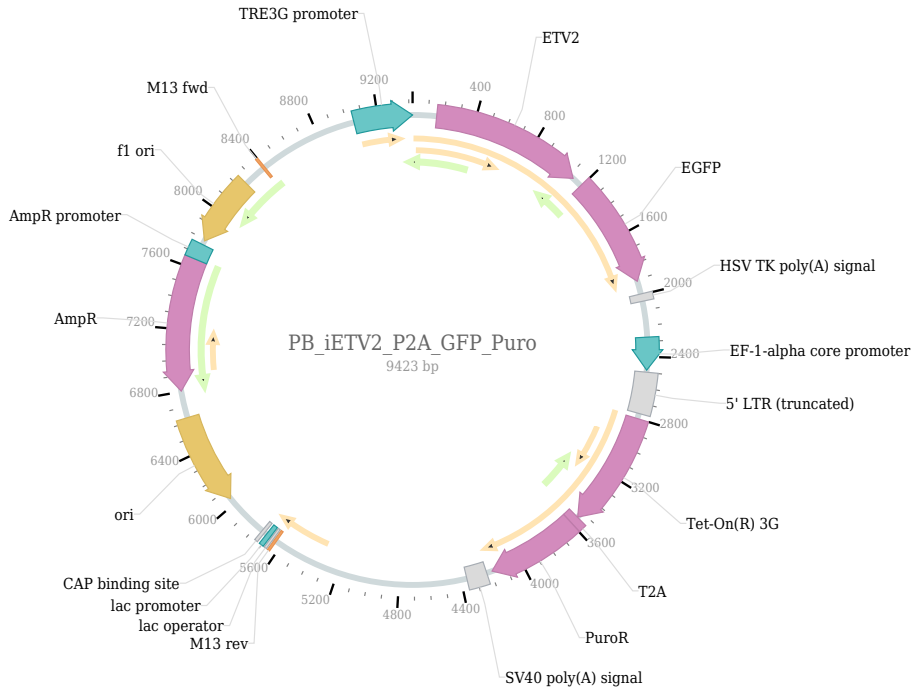
PB_iETV2_P2A_GFP_Puro

载体编号 Vector ID	V014417
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9423 bp
载体类型 Vector Type	Protein expression, Transposition, Tetracycline inducible
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
启动子 Promoter	TRE3G
克隆方法 Cloning Method	Gibson Cloning
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	PB_iETV2_P2A_GFP_Puro is a 9423 bp lentiviral vector. It is designed for doxycycline-inducible expression of the human ETV2 gene, which is fused with EGFP via a P2A peptide and driven by the EF-1-alpha core promoter. A PuroR gene under the SV40 promoter enables stable cell selection. Key elements include the TRE3G promoter, Tet-On(R) 3G system, HIV-1 LTRs, RRE, and cPPT/CTS for efficient viral packaging and transgenesis.

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 ℃.