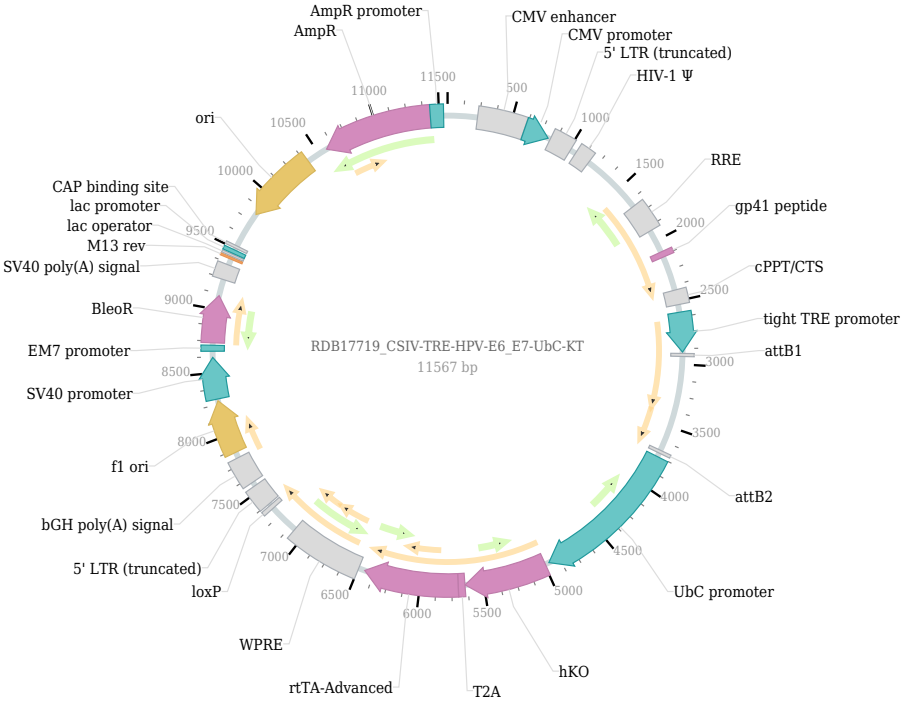
RDB17719_CSIV-TRE-HPV-E6_E7-UbC-KT

载体编号 Vector ID	V047303
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11567 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	Puro
拷贝数 Copy Number	High
启动子 Promoter	tight TRE,Ubc
3' 引物 3' Primer	PLKO.1-R
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Tetracycline inducible
备注 Comment	This is an 11567 bp third-generation Tet-On Advanced inducible lentiviral vector. It is designed to express the HPV-E6_E7 fusion protein with an N-terminal UbC tag under the tight TRE promoter, which is activated by the rtTA-Advanced transactivator. The vector includes the EM7 promoter driving BleoR for bacterial selection and essential HIV-1 packaging elements (Ψ, RRE, cPPT/CTS) for efficient viral production.

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 ℃.