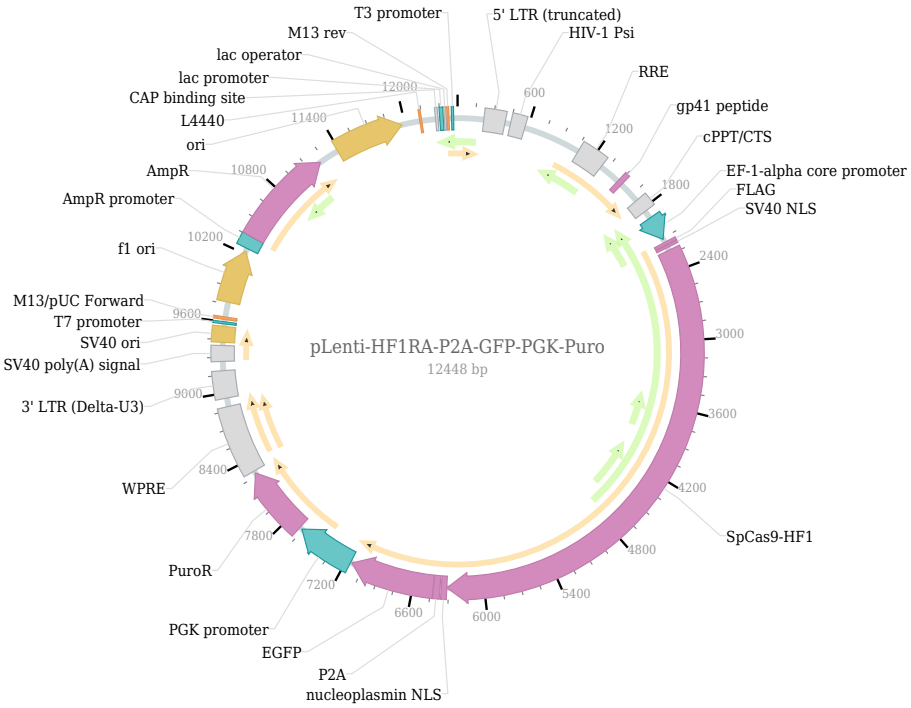
pLenti-HF1RA-P2A-GFP-PGK-Puro

载体编号 Vector ID	V000377
抗性 Antibiotic Resistance	Ampicillin
长度 Length	12448 bp
载体类型 Vector Type	Lentiviral

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puromycin ; GFP
拷贝数 Copy Number	Low Copy
启动子 Promoter	mPGK
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	TAAGTGCAGTAGTCGCCGTG
3' 引物 3' Primer	TTAAGAATACCAGTCAATCTTTC
培养菌株 Growth Strain(s)	Stbl3
备注 Comment	pLenti-HF1RA-P2A-GFP-PGK-Puro is a lentiviral vector engineered for the expression of high-fidelity Cas9-HF1RA. It enables efficient genome editing through co-expression of GFP monitored by the P2A peptide, with puromycin resistance screening driven by the PGK promoter.

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 ℃.