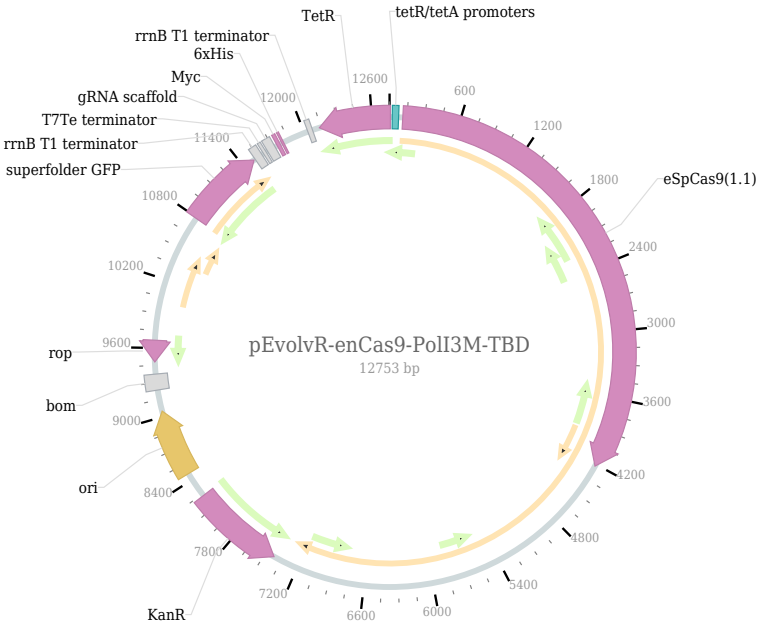
pEvolvR-enCas9-PolI3M-TBD

载体编号 Vector ID	V000446
抗性 Antibiotic Resistance	Kanamycin
长度 Length	12753 bp
载体类型 Vector Type	Bacterial Expression

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low Copy
启动子 Promoter	tetR/tetAs
备注 Comment	pEvolvR-enCas9-PolI3M-TBD is a bacterial vector for continuous directed evolution. It uses an error-prone DNA polymerase (PolI3M) fused to a nickase Cas9 (enCas9) to introduce targeted mutations within a tunable genomic window, enabling in vivo protein diversification in E. coli.

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 ℃.