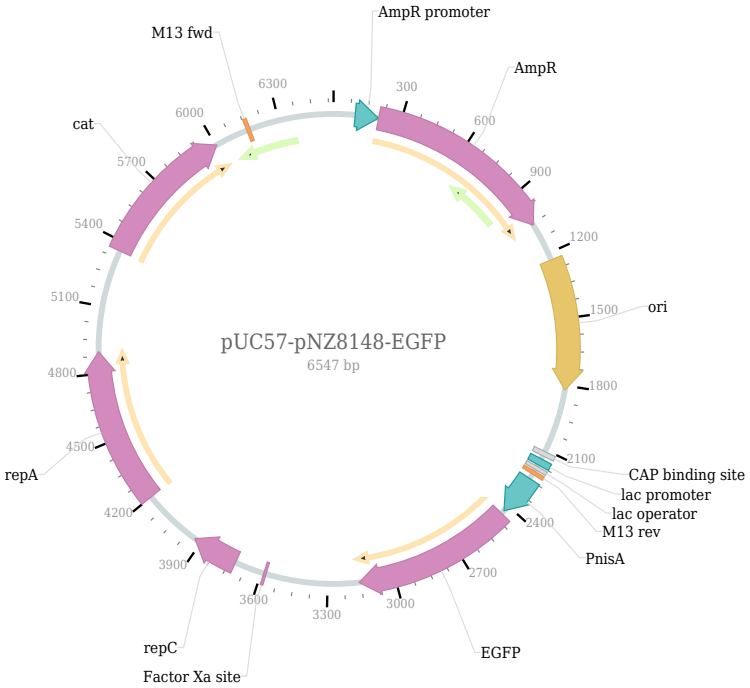
# pUC57-pNZ8148-EGFP

| | |
|---|---|
| **载体编号 Vector ID** | V014299 |
| **抗性 Antibiotic Resistance** | Ampicillin |
| **长度 Length** | 6547 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Lactic acid bacteria |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Chl |
| **启动子 Promoter** | PnisA |
| **培养菌株 Growth Strain(s)** | DH10B |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pUC57-pNZ8148-EGFP is an assembly vector combining pUC57 and pNZ8148 elements for EGFP expression in lactic acid bacteria. The pNZ8148-derived NICE system places EGFP under nisA promoter control for nisin-inducible expression, enabling fluorescent labeling of Lactococcus lactis and related Gram-positive hosts. |

## 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 ℃.