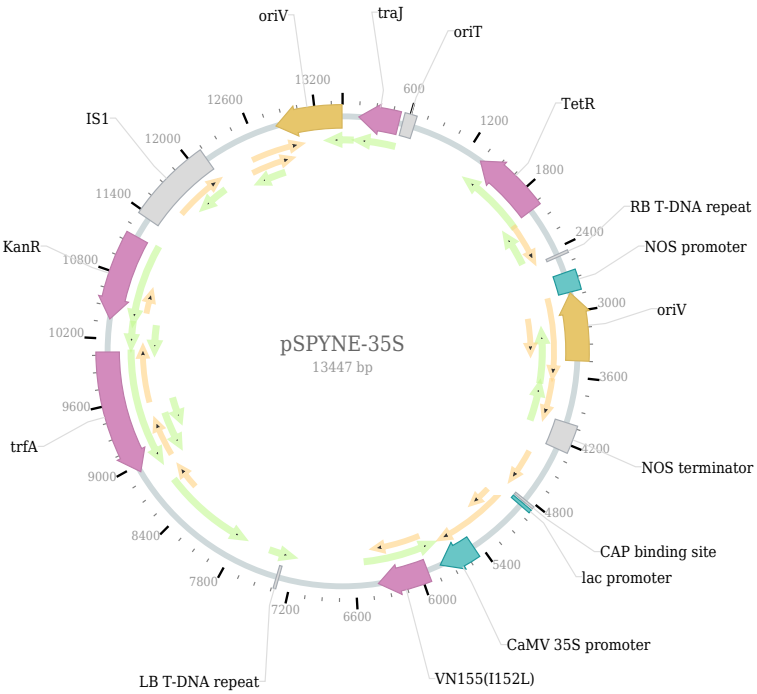
# pSPYNE-35S

| | |
|---|---|
| **载体编号 Vector ID** | V015150 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 13447 bp |
| **载体类型 Vector Type** | Bioluminescence resonance energy transfer (BRET) |
| **宿主 Host** | Plants |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | oriV |
| **筛选标记 Selection Marker** | Neo/G418 |
| **启动子 Promoter** | CaMV35S(long) |
| **培养菌株 Growth Strain(s)** | DH5a |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pSPYNE-35S is a binary plant vector for bimolecular fluorescence complementation (BiFC). The CaMV 35S promoter drives constitutive expression of targets fused to VN155(I152L), a Venus N-terminal fragment whose I152L mutation reduces fragment self-assembly and raises the signal-to-noise ratio ~4-fold (Kodama and Hu, 2010). Flanked by T-DNA borders, it enables Agrobacterium-mediated transformation with kanamycin/neomycin selection. Co-expression with pSPYCE-35S restores fluorescence upon interaction. |

## 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 ℃.