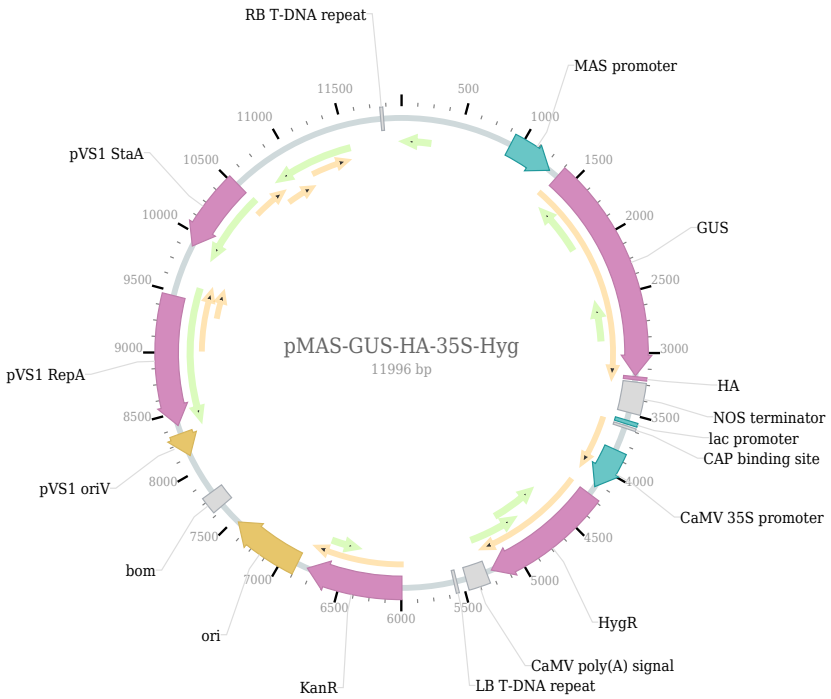
# pMAS-GUS-HA-35S-Hyg

| | |
|---|---|
| **载体编号 Vector ID** | V014252 |
| **抗性 Antibiotic Resistance** | Kanamycin |
| **长度 Length** | 11996 bp |
| **载体类型 Vector Type** | Protein expression |
| **宿主 Host** | Plants |

## 产品信息

| | |
|---|---|
| **复制子 Replication Origin** | ori |
| **筛选标记 Selection Marker** | Hyg |
| **启动子 Promoter** | MAS |
| **培养菌株 Growth Strain(s)** | DH5a |
| **培养温度 Growth Temperature** | 37℃ |
| **备注 Comment** | pMAS-GUS-HA-35S-Hyg is a plant binary vector combining two expression cassettes: a mannopine synthase (mas) promoter driving a GUS-HA reporter fusion, and a CaMV 35S promoter-driven hygromycin phosphotransferase (hph) marker. Used for Agrobacterium-mediated plant transformation with GUS reporter staining and hygromycin selection. |

## 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 ℃.