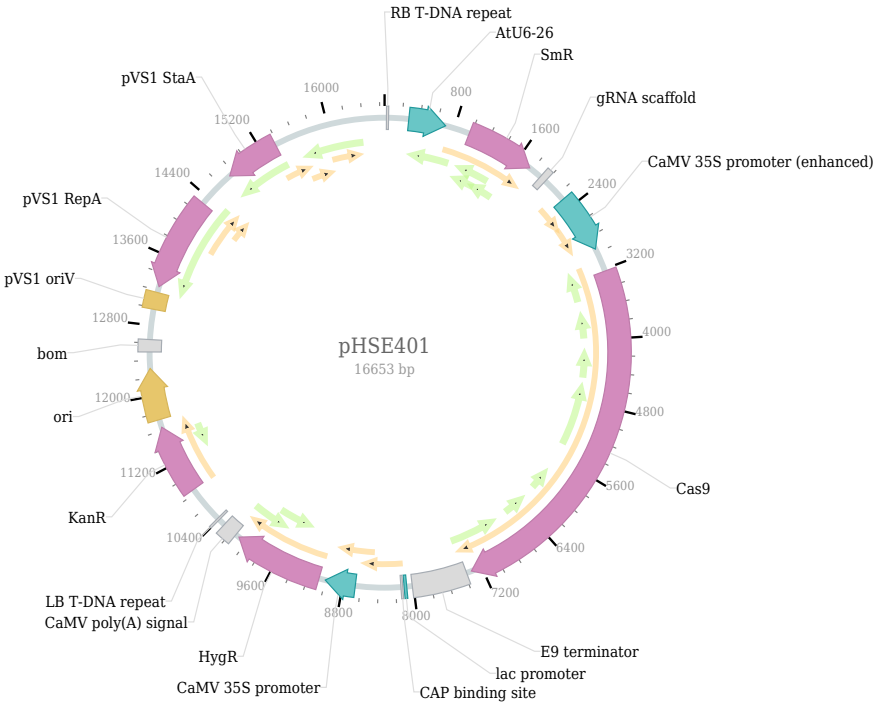
pHSE401

载体编号 Vector ID	V016739
抗性 Antibiotic Resistance	Kanamycin
长度 Length	16653 bp
载体类型 Vector Type	Gene knockout
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	CaMV35S(enhanced)
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pHSE401 is a plant binary CRISPR/Cas9 vector that carries the Cas9 protein (fused with a 3×FLAG tag and a nuclear localization signal, NLS) along with a customizable gRNA, enabling the cleavage and editing of specific DNA sequences within plants.

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 ℃.