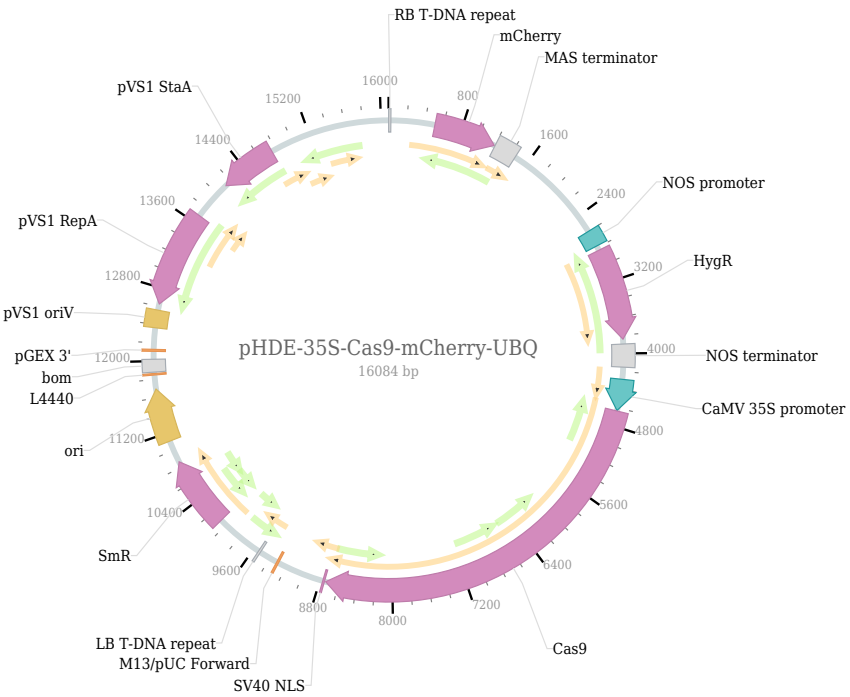
pHDE-35S-Cas9-mCherry-UBQ

载体编号 Vector ID	V000409
抗性 Antibiotic Resistance	Spectinomycin
长度 Length	16084 bp
载体类型 Vector Type	Plant Expression, CRISPR
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Hygromycin ; mCherry fluorescence
启动子 Promoter	CaMV 35S
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	CTGTGGTTGGCATGCACATAC
培养菌株 Growth Strain(s)	stbl3
备注 Comment	The pHDE-35S-Cas9-mCherry-UBQ is for CRISPR/Cas9-mediated gene editing in Arabidopsis, it offers a visual screening method to identify Cas9-free plants and facilitates the generation of two guide RNAs (gRNAs).

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 ℃.