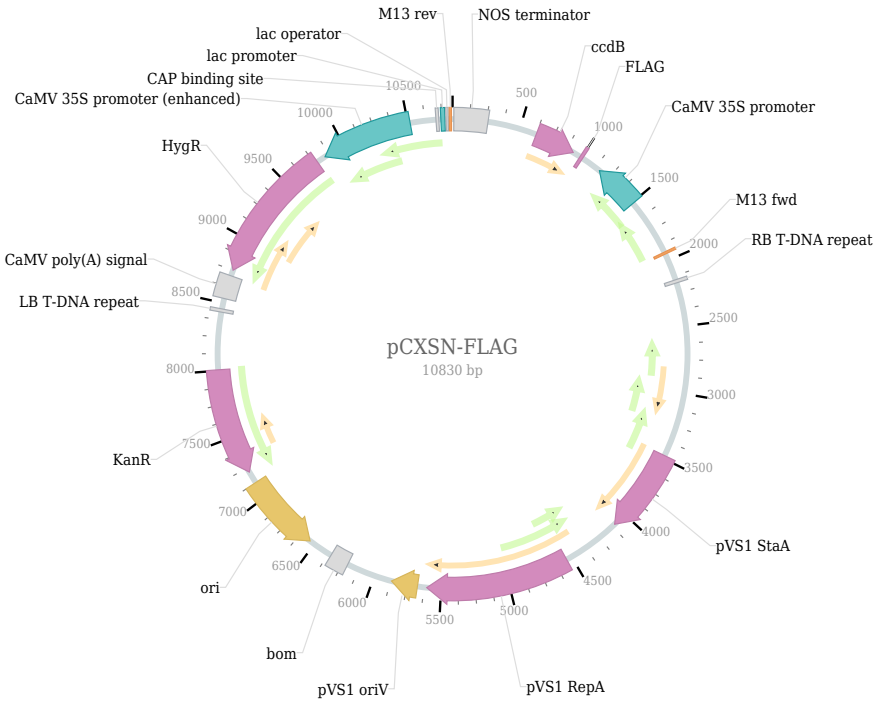
pCXSN-FLAG

载体编号 Vector ID	V008088
抗性 Antibiotic Resistance	Kanamycin
长度 Length	10830 bp
载体类型 Vector Type	Binary vector
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Chen S, Songkumarn P, Liu J, Wang GL.
启动子 Promoter	CaMV 35S (enhanced)
培养菌株 Growth Strain(s)	DB3.1
备注 Comment	pCXSN-FLAG is a plant binary overexpression vector from the ZeBaTA zero-background TA cloning system developed by Chen et al. (Plant Physiol 2009). It carries an enhanced CaMV 35S promoter driving an N-terminal FLAG-tagged fusion, a ccdB negative-selection cassette for direct TA cloning of PCR products, a NOS terminator, and dual selection markers (Kan in E. coli, hygromycin in planta). Propagation strictly requires the gyrA462 mutant strain DB3.1.

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 ℃.