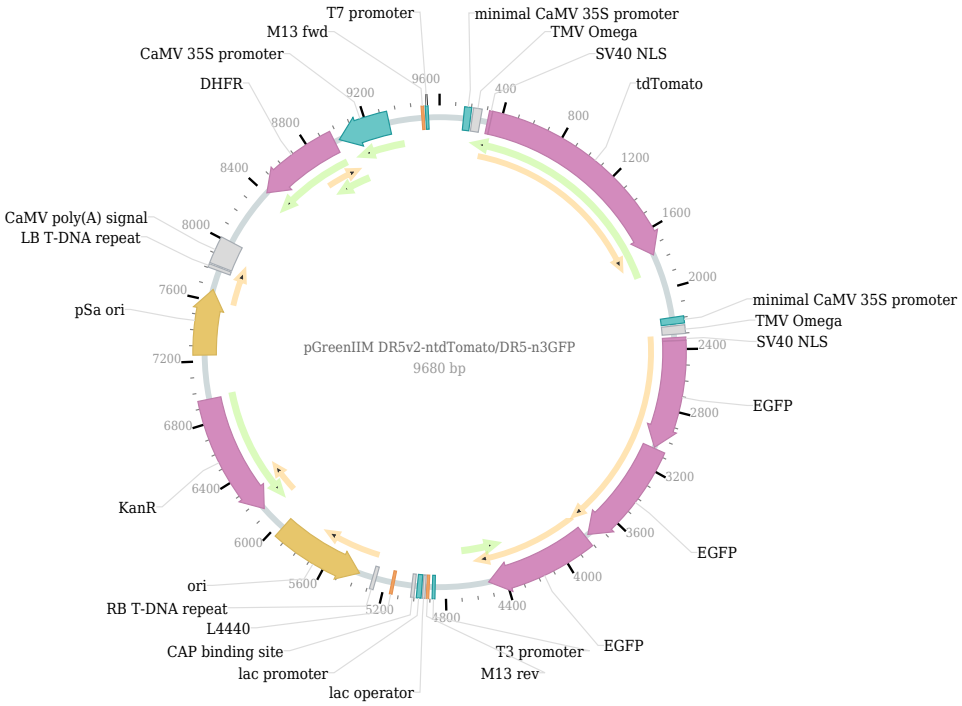
pGreenIIM DR5v2-ntdTomato/DR5-n3GFP

载体编号 Vector ID	V000947
抗性 Antibiotic Resistance	Kanamycin
长度 Length	9680 bp
载体类型 Vector Type	Plant Expression
宿主 Host	Plants

产品信息

复制子 Replication Origin	pSa ori
筛选标记 Selection Marker	Methothrexate
拷贝数 Copy Number	Low Copy
启动子 Promoter	CaMV 35S
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	dsRed1_C_primer
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	A plant binary vector containing two auxin-responsive DR5 promoters driving different fluorescent reporters: DR5v2:ntdTomato (nuclear-localized) and DR5:n3GFP (nuclear-localized). It enables simultaneous visualization of auxin response dynamics via confocal microscopy.

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 ℃.