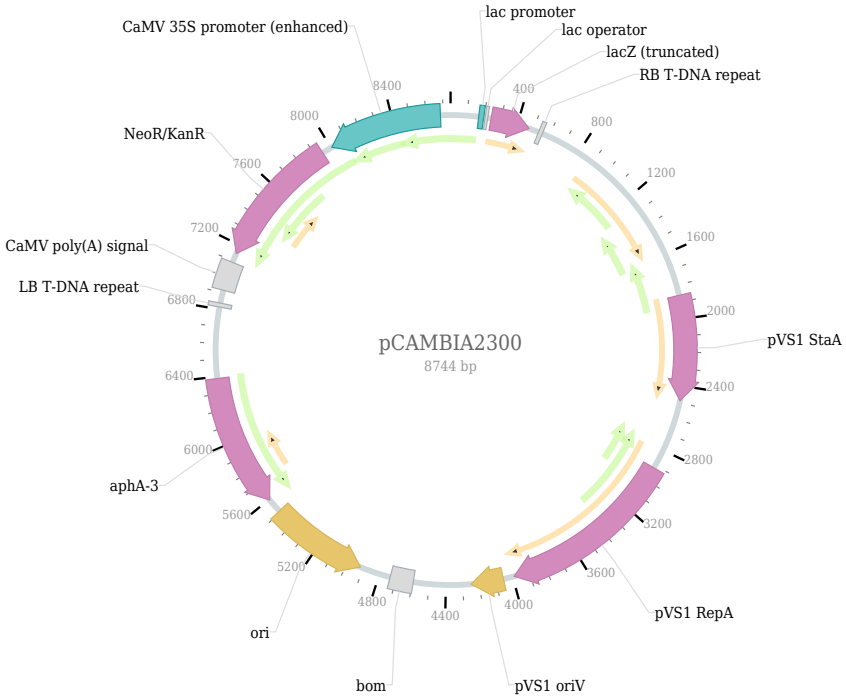
pCAMBIA2300

载体编号 Vector ID	V010873
抗性 Antibiotic Resistance	Kanamycin
长度 Length	8744 bp
载体类型 Vector Type	Plant Vectors
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Cambia
筛选标记 Selection Marker	Neomycin/G418(Geneticin)
拷贝数 Copy Number	High copy number
启动子 Promoter	CaMV 35S (enhanced)
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pCAMBIA2300 is a binary vector for Agrobacterium-mediated plant transformation. Based on pVS1/pBR322 replicons, it carries KanR/NPTII selection and a reporter-free T-DNA with a pUC18-derived polylinker (EcoRI–HindIII), allowing users to clone their own promoter–gene–terminator cassette without GUS/Luc background interference.

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 ℃.