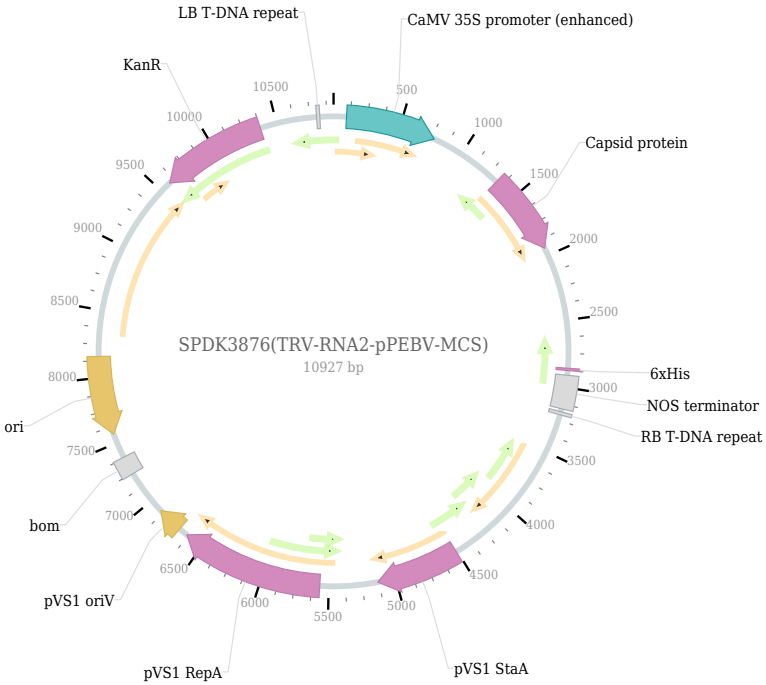
SPDK3876(TRV-RNA2-pPEBV-MCS)

载体编号 Vector ID	V017312
抗性 Antibiotic Resistance	Kanamycin
长度 Length	10927 bp
载体类型 Vector Type	Protein expression
宿主 Host	Plants

产品信息

复制子 Replication Origin	ori
拷贝数 Copy Number	Low
启动子 Promoter	CaMV35S(enhanced)
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
备注 Comment	SPDK3876(TRV-RNA2-pPEBV-MCS) (10.9 kb) is a T-DNA vector for plant virology and gene expression studies. It contains a modified Tobacco rattle virus (TRV) RNA2 genome driven by the PEBV promoter, allowing expression of proteins or RNAs in plants. The vector includes an enhanced CaMV 35S promoter for expression of the viral capsid protein, a 6xHis tag, a NOS terminator, RB/LB T-DNA repeats for Agrobacterium-mediated transformation, pVS1 replicon (oriV/RepA/StaA) for replication in Agrobacterium, a pUC ori (high copy) for E. coli, and KanR for kanamycin selection.

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 ℃.