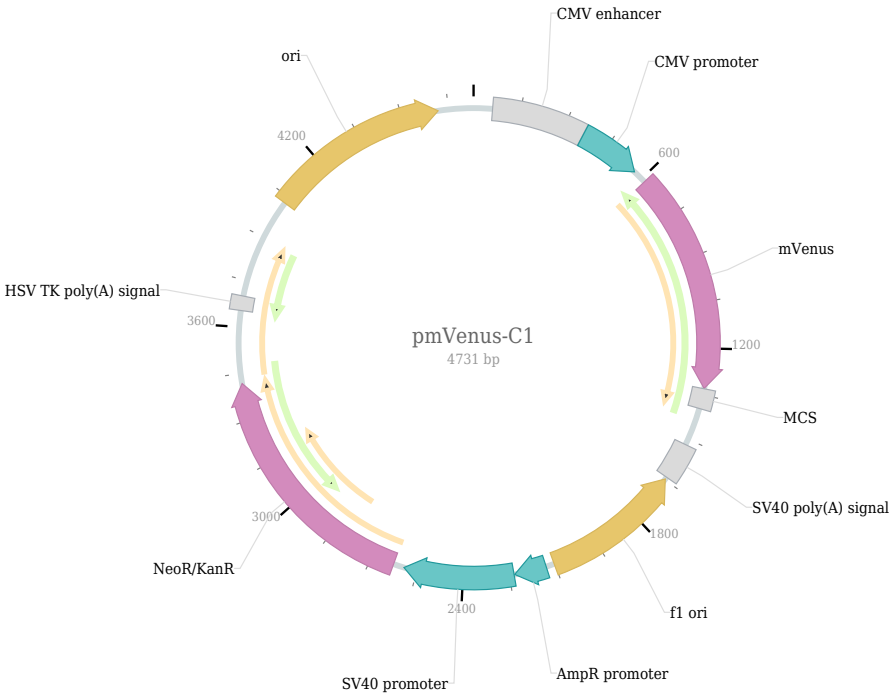
pmVenus-C1

载体编号 Vector ID	V006557
抗性 Antibiotic Resistance	Kanamycin
长度 Length	4731 bp
载体类型 Vector Type	Fluorescent Protein Reporter Vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neomycin (select with G418)
启动子 Promoter	CMV
培养菌株 Growth Strain(s)	DH10b
培养温度 Growth Temperature	37℃
备注 Comment	pmVenus-C1 is a mammalian fusion expression vector on a pEGFP-C1-type backbone carrying Venus, a fast-maturing, bright YFP variant with reduced pH and halide sensitivity (Nagai et al. 2002). The C1 configuration fuses Venus to the N-terminus of target proteins for localization, FRET, and live-cell imaging.

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 ℃.