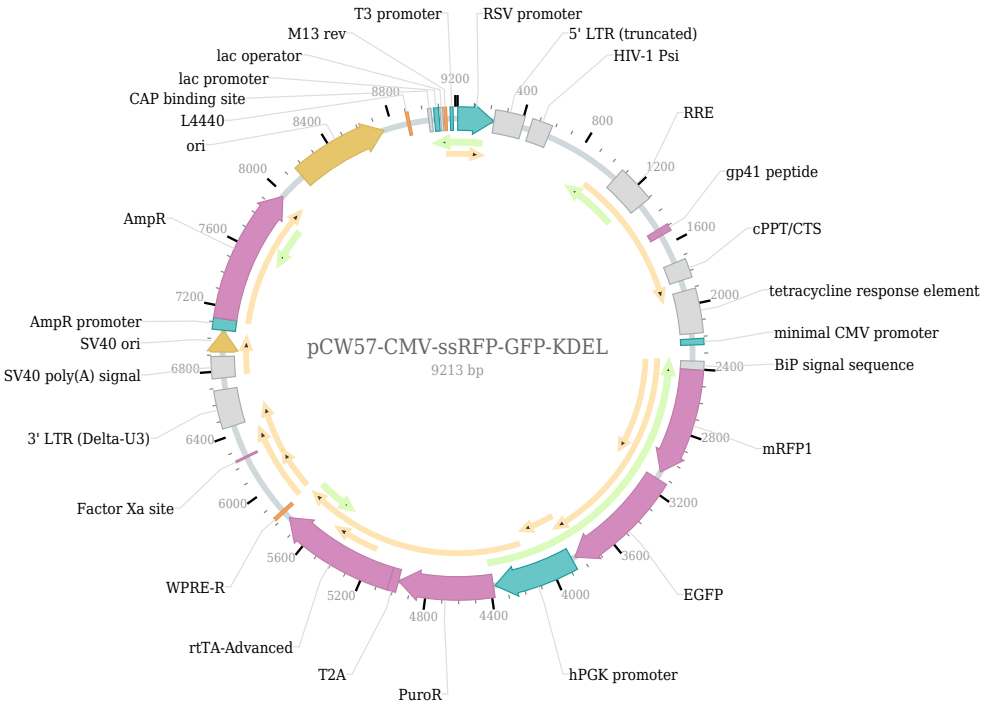
pCW57-CMV-ssRFP-GFP-KDEL

载体编号 Vector ID	V007333
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9213 bp
载体类型 Vector Type	Mammalian Expression, Lentiviral

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puromycin
拷贝数 Copy Number	Low Copy
启动子 Promoter	hPGK
克隆方法 Cloning Method	Gibson Cloning
5' 引物 5' Primer	CCATCCACGCTGTTTTGACCTC
培养菌株 Growth Strain(s)	DH10B
备注 Comment	pCW57-CMV-ssRFP-GFP-KDEL is a fluorescent reporter plasmid for monitoring endoplasmic reticulum autophagy. It carries a signal peptide-RFP-GFP-KDEL fusion protein driven by the CMV promoter, providing a visual representation of endoplasmic reticulum degradation through changes in fluorescence.

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 ℃.