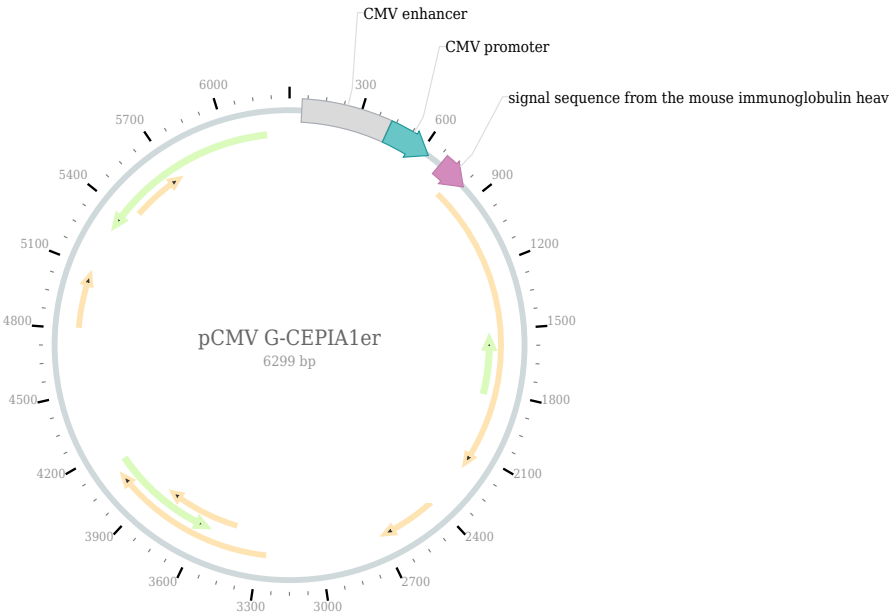
pCMV G-CEPIA1er

载体编号 Vector ID	V039105
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6299 bp
载体类型 Vector Type	Subcellular localization
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Neo/G418
拷贝数 Copy Number	High
启动子 Promoter	CMV
3' 引物 3' Primer	BGH-R
培养菌株 Growth Strain(s)	DH5a
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Transient
备注 Comment	pCMV G-CEPIA1er is a mammalian expression plasmid for ER-specific Ca^{2+} detection, encoding a green fluorescent indicator that precisely reports intra-ER Ca^{2+} dynamics with high spatiotemporal resolution.

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 ℃.