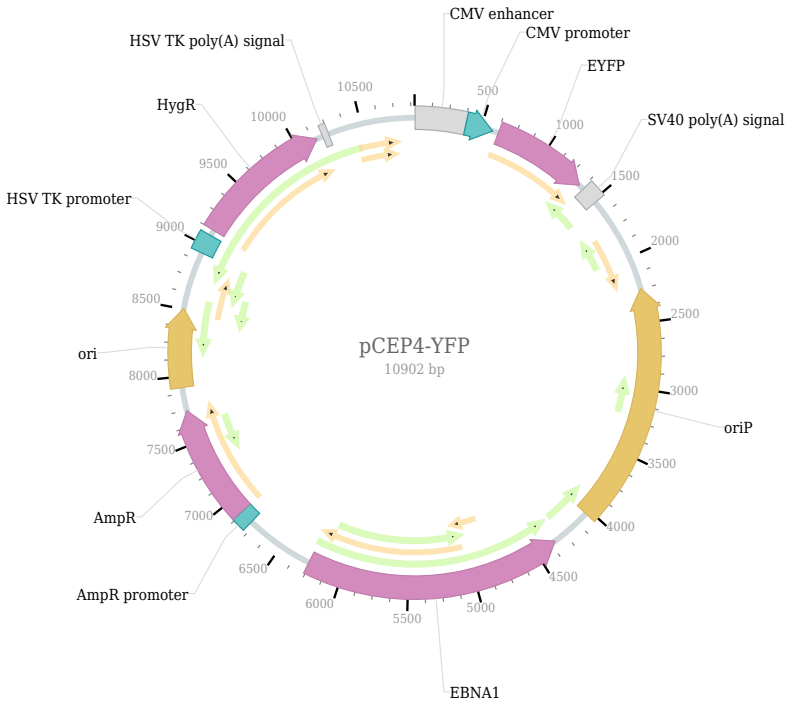
pCEP4-YFP

载体编号 Vector ID	V000952
抗性 Antibiotic Resistance	Ampicillin
长度 Length	10902 bp
载体类型 Vector Type	Mammalian Expression Vectors

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	EYFP
启动子 Promoter	CMV
5' 引物 5' Primer	CMV-F: 5'-CGCAAATGGGCGGTAGGCGTG-3'
3' 引物 3' Primer	EBV-R:5'-GTGGTTTGTCCAAACTCATC-3'
培养菌株 Growth Strain(s)	Top10
备注 Comment	pCEP4-YFP, as a pH-sensitive fluorescent reporter plasmid, is employed to quantify the proton channel activity of the bat influenza virus M2 protein. By monitoring YFP fluorescence changes, it assesses proton influx mediated by the M2 protein, revealing its low proton-conducting properties and the impact of the N31S mutation.

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 ℃.