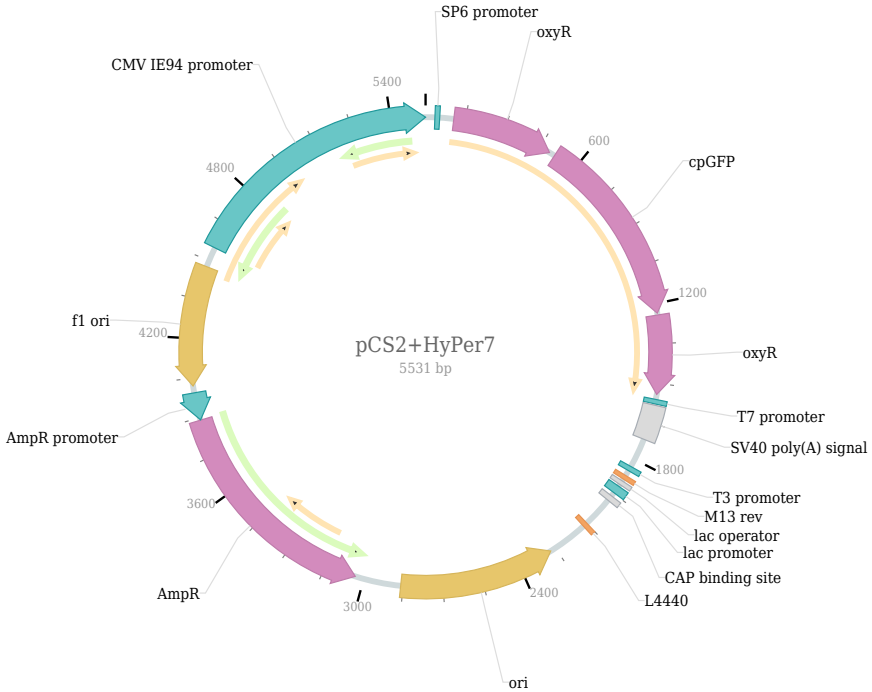
pCS2+HyPer7

载体编号 Vector ID	V001192
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5531 bp
载体类型 Vector Type	Mammalian Expression

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Vsevolod Belousov
拷贝数 Copy Number	High Copy
启动子 Promoter	sCMV
克隆方法 Cloning Method	Restriction Enzyme
5' 引物 5' Primer	ATTTAGGTGACACTATAGA
3' 引物 3' Primer	GTCATAGCTGTTTCCTG
培养菌株 Growth Strain(s)	DH5alpha
培养温度 Growth Temperature	37℃
备注 Comment	Mammalian expression of non-targeted ultrasensitive hydrogen peroxide indicator HyPer7 for optical imaging. HyPer7 is a hydrogen peroxide probe based on cpGFP integrated into the OxyR-RD domain from Neisseria meningitidis.

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 ℃.