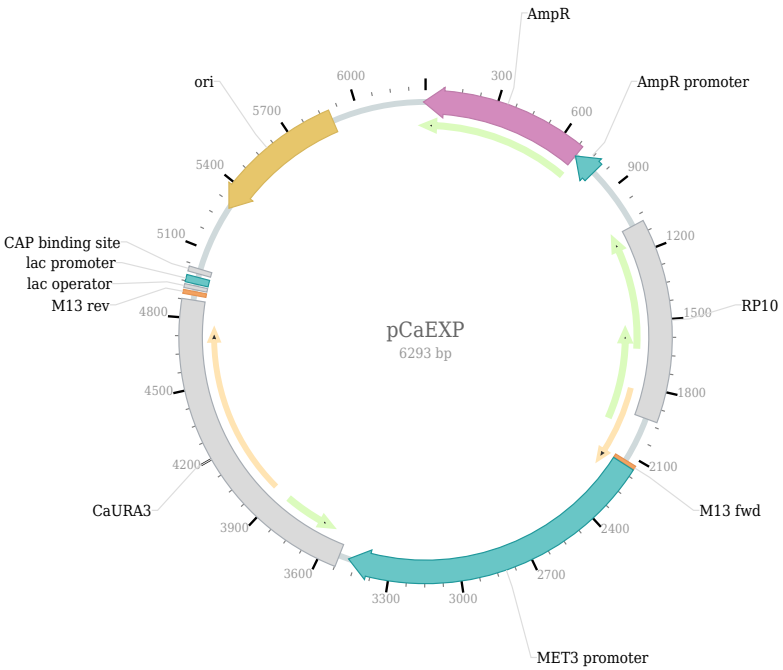
pCaEXP

载体编号 Vector ID	V013006
抗性 Antibiotic Resistance	Ampicillin
长度 Length	6293 bp
载体类型 Vector Type	Protein expression
宿主 Host	Hyphal fungi

产品信息

复制子 Replication Origin	ori
来源 Source/Author	R S Care
启动子 Promoter	MET3
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	Plasmid pCaEXP is designed to allow genes to be placed under the control of the MET3 promoter and to be integrated into the RP10 locus to take advantage of the increased transformation frequency. The regulated gene is cloned into a BamHI site in front of the MET3 promoter. URA3 was used as a model to demonstrate that it can be used to express conditionally a gene with an essential function.

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 ℃.