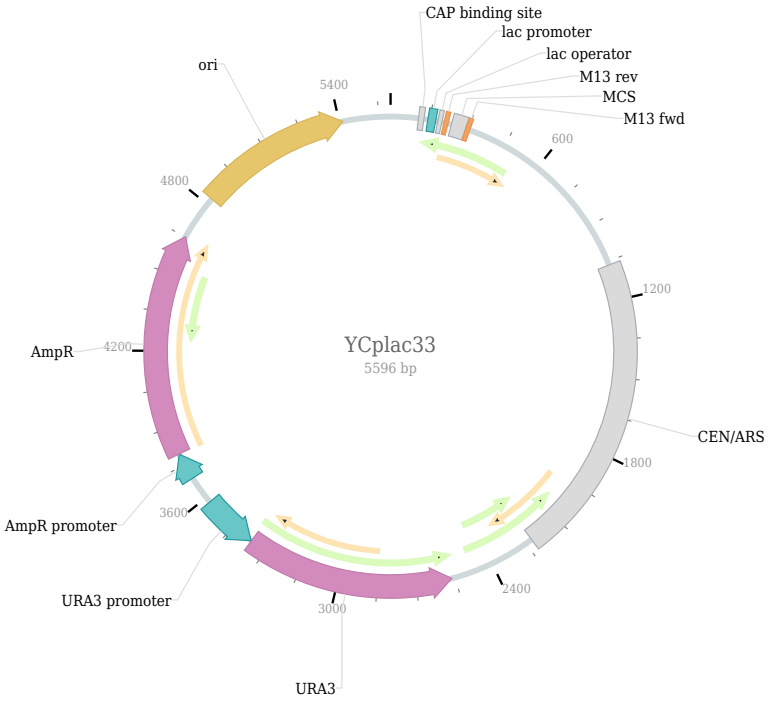
YCplac33

载体编号 Vector ID	V010192
抗性 Antibiotic Resistance	Ampicillin
长度 Length	5596 bp
载体类型 Vector Type	Yeast Plasmids
宿主 Host	Yeast

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Gietz RD, Sugino A.
启动子 Promoter	URA3
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	YCplac33 is a pUC19-derived yeast–E. coli shuttle vector of the YCp (centromeric) class. Its yeast segment carries ARS1 (autonomous replication) and CEN4 (centromere 4) for stable, low-copy (1–2/cell) maintenance in Saccharomyces cerevisiae, with URA3 as the selectable marker. In E. coli it uses the ColE1/pMB1 origin and AmpR (bla).

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 ℃.