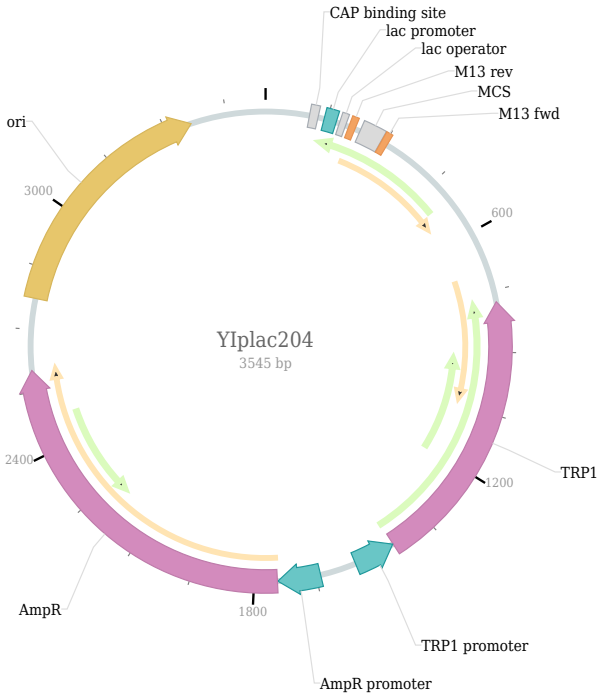
YIplac204

载体编号 Vector ID	V010162
抗性 Antibiotic Resistance	Ampicillin
长度 Length	3545 bp
载体类型 Vector Type	Yeast Plasmids

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Gietz RD, Sugino A.
拷贝数 Copy Number	High copy number
启动子 Promoter	TRP1
5' 引物 5' Primer	M13 fwd
3' 引物 3' Primer	M13 rev
培养菌株 Growth Strain(s)	Top10
备注 Comment	YIplac204 is a 3545-bp yeast integrating (YIp) vector built on pUC19, carrying TRP1, the full pUC19 multiple cloning site, and lacZ' for blue-white screening. Lacking ARS, CEN, or 2μ sequences, it must be linearized within TRP1 and integrated into the genome by homologous recombination, yielding stable single-copy transformants.

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 ℃.