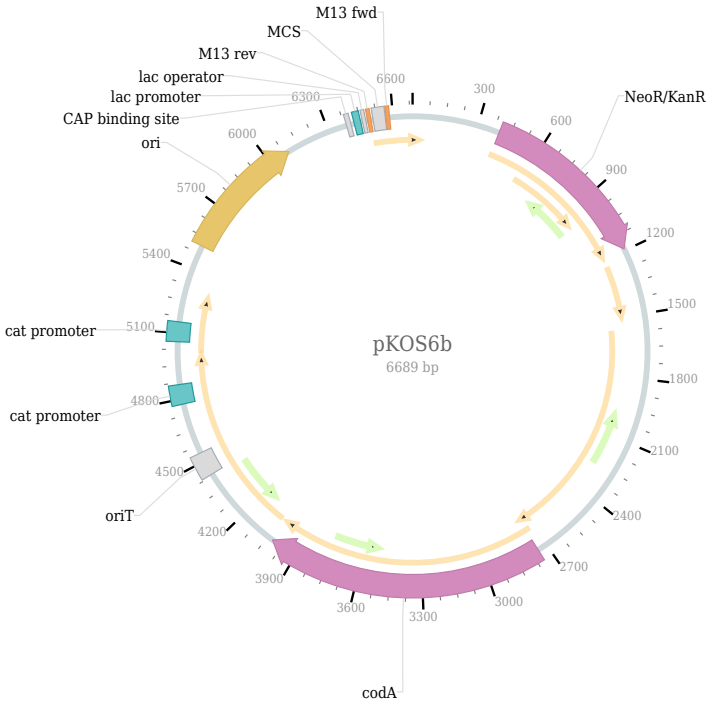
pKOS6b

载体编号 Vector ID	V005198
抗性 Antibiotic Resistance	Kanamycin
长度 Length	6689 bp
载体类型 Vector Type	Cloning vector

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Kostner D, Peters B, Mientus M, Liebl W, Ehrenreich A.
培养菌株 Growth Strain(s)	DH10b
培养温度 Growth Temperature	37℃
备注 Comment	pKOS6b is a plasmid for markerless gene deletion (via codBA counter-selection with 5-FC) and chromosomal gene insertion (e.g., fluorescent reporters). It enables seamless genetic manipulation of cellulose synthase genes (bcsAB1/2/3) in K. hansenii, with kanamycin resistance and temperature-sensitive replication for plasmid curing.

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 ℃.