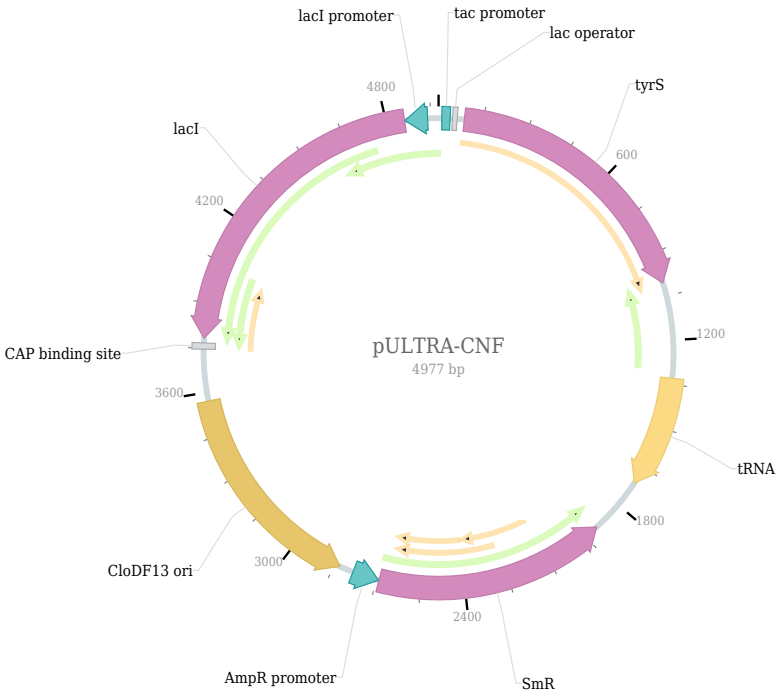
pULTRA-CNF

载体编号 Vector ID	V017396
抗性 Antibiotic Resistance	Spectinomycin
长度 Length	4977 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	CloDF13 ori
来源 Source/Author	Peter Schultz Lab
拷贝数 Copy Number	High copy number
启动子 Promoter	tac
培养温度 Growth Temperature	37℃
备注 Comment	pULTRA-CNF is a highly efficient E. coli amber-suppression plasmid from the Schultz lab. Its pUltra backbone carries a single copy each of the M. jannaschii suppressor tRNA (proK promoter) and a polyspecific tyrosyl-tRNA synthetase (tac promoter) selected for para-cyano-L-phenylalanine (pCNPhe). A CloDF13 ori and spectinomycin marker allow co-use with pEVOL or ColE1/p15A vectors; the NotI-flanked synthetase cassette is readily exchanged.

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 ℃.