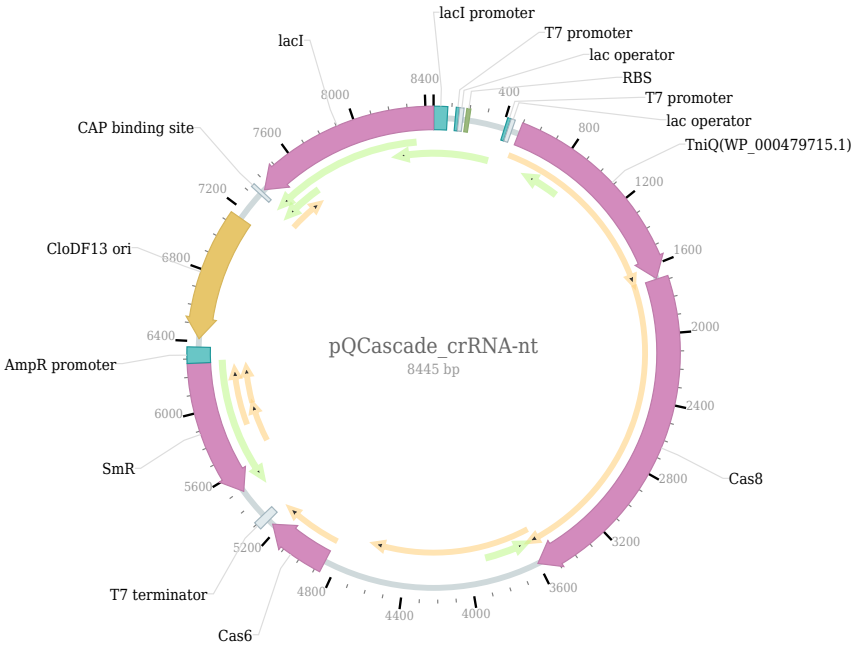
pQCascade_crRNA-nt

载体编号 Vector ID	V001463
抗性 Antibiotic Resistance	Streptomycin
长度 Length	8445 bp
载体类型 Vector Type	pET & Duet Vectors (Novagen)

产品信息

复制子 Replication Origin	CloDF13 ori
来源 Source/Author	Sanne E. Klompe, Phuc L. H. Vo, Tyler S. Halpin-Healy & Samuel H. Sternberg
拷贝数 Copy Number	High copy number
启动子 Promoter	T7
克隆方法 Cloning Method	Enzyme Cut
5' 引物 5' Primer	T7 promoter
3' 引物 3' Primer	T7 terminator
表达方式 Expression Method	IPTG induced
备注 Comment	pQCascade_crRNA-nt plasmid used in paper: Klompe SE, Vo PLH, Halpin-Healy TS, Sternberg SH. Transposon-encoded CRISPR-Cas systems direct RNA-guided DNA integration. Nature. 2019

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 ℃.