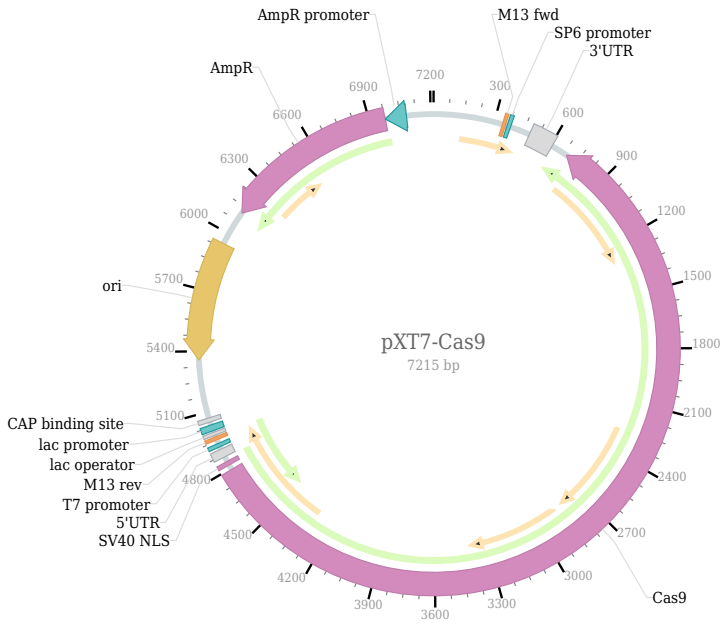
pXT7-Cas9

载体编号 Vector ID	V016765
抗性 Antibiotic Resistance	Ampicillin
长度 Length	7215 bp
宿主 Host	Broad host

产品信息

复制子 Replication Origin	ori
启动子 Promoter	SP6
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	The pXT7-Cas9 plasmid functions to express the Cas9 nuclease, typically under the control of a T7 promoter, for CRISPR genome editing. It enables targeted DNA double-strand breaks in cells, facilitating gene knockouts or modifications when used with a guide RNA plasmid

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 ℃.