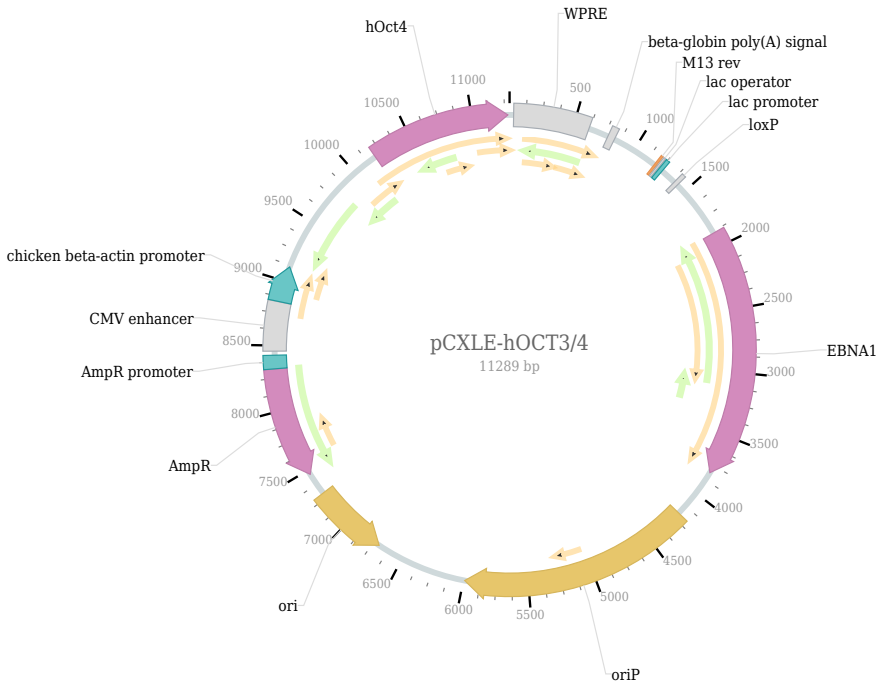
pCXLE-hOCT3/4

载体编号 Vector ID	V017195
抗性 Antibiotic Resistance	Ampicillin
长度 Length	11289 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
启动子 Promoter	chicken β-actin
培养菌株 Growth Strain(s)	DH10B
培养温度 Growth Temperature	37℃
备注 Comment	pCXLE-hOCT3/4, serving as a reprogramming vector, expresses the human OCT3/4 factor. It synergises with other factors to reprogramme somatic cells into induced pluripotent stem cells (iPSCs), thereby providing a tool for stem cell-related research.

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 ℃.