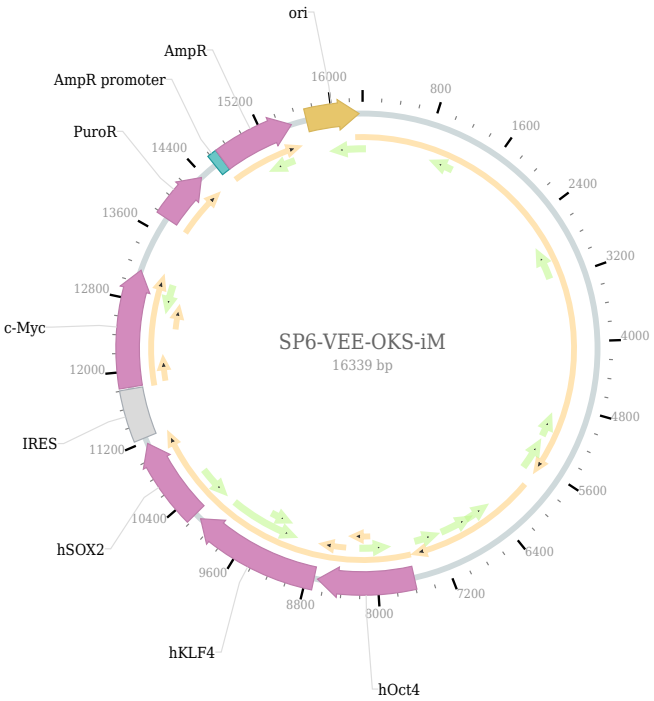
SP6-VEE-OKS-iM

载体编号 Vector ID	V016679
抗性 Antibiotic Resistance	Ampicillin
长度 Length	16339 bp
载体类型 Vector Type	Protein expression, Stem cell reprogramming
宿主 Host	Mammalian cells

产品信息

复制子 Replication Origin	ori
筛选标记 Selection Marker	Puro
拷贝数 Copy Number	High copy number
启动子 Promoter	SP6
培养菌株 Growth Strain(s)	Top10
培养温度 Growth Temperature	37℃
备注 Comment	SP6-VEE-OKS-iM is a Venezuelan equine encephalitis (VEE) virus RNA replicon plasmid. Its 3′ ORF encodes OCT4, KLF4, and SOX2 separated by 2A peptides, followed by an IRES, c-myc, a second IRES, and a PuroR ORF—enabling integration-free RNA-based human iPSC generation.

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 ℃.