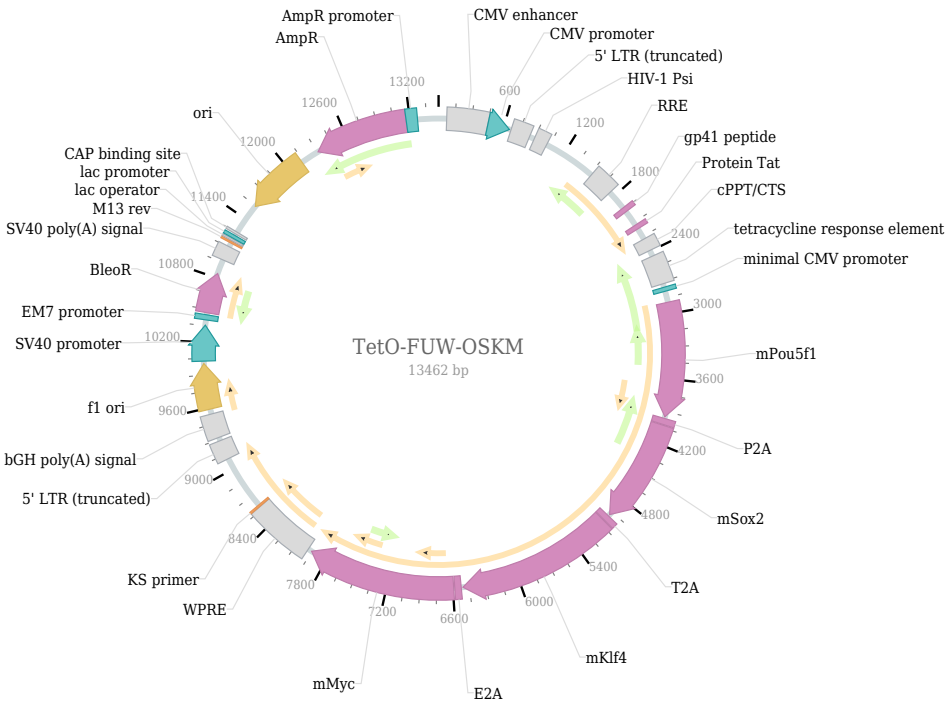
TetO-FUW-OSKM

载体编号 Vector ID	V012737
抗性 Antibiotic Resistance	Ampicillin
长度 Length	13462 bp
载体类型 Vector Type	Viral Expression & Packaging Vectors

产品信息

复制子 Replication Origin	ori
来源 Source/Author	Rudolf Jaenisch
筛选标记 Selection Marker	Zeocin
拷贝数 Copy Number	High copy number
启动子 Promoter	EM7
培养温度 Growth Temperature	37℃
表达方式 Expression Method	Constiutive, Stable / Transient
备注 Comment	TetO-FUW-OSKM is a lentiviral plasmid for generating induced pluripotent stem cells (iPSCs). It provides tetracycline/doxycycline-inducible expression of the four mouse reprogramming factors Oct4, Sox2, Klf4, and c-Myc from a single polycistronic transcript, separated by 2A peptides.

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 ℃.