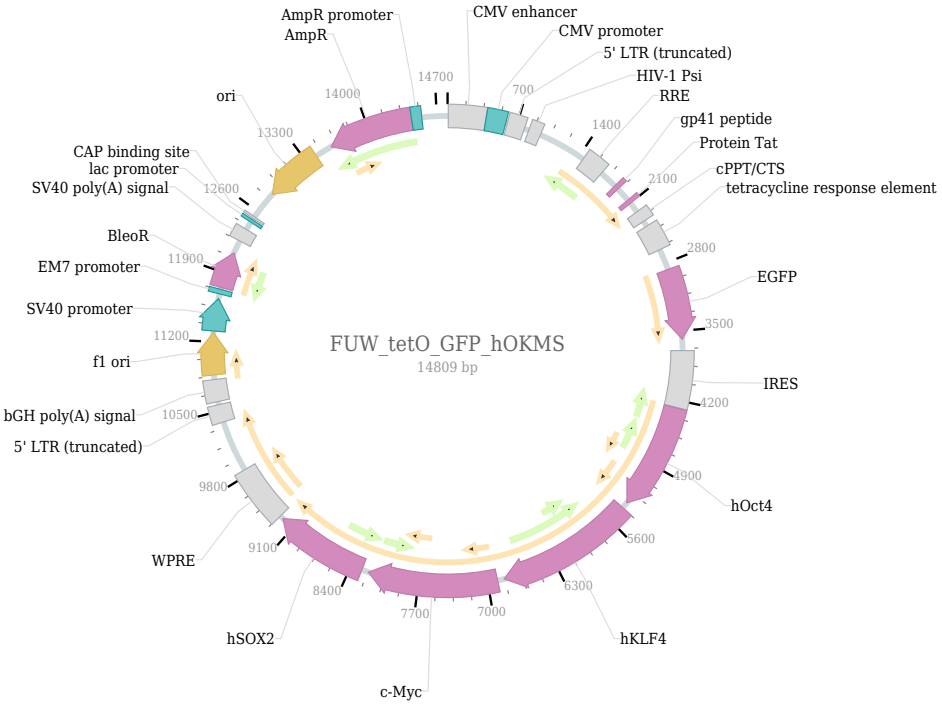
FUW_tetO_GFP_hOKMS

载体编号 Vector ID	V014991
抗性 Antibiotic Resistance	Ampicillin
长度 Length	14809 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	SV40
5' 引物 5' Primer	SV40pro-F：TATTTATGCAGAGGCCGAGG
3' 引物 3' Primer	WPRE-R：CATAGCGTAAAAGGAGCAACA
培养温度 Growth Temperature	37℃
备注 Comment	The FUW-based lentiviral vector with tetO-doxycycline-inducible regulation, a GFP reporter, and human OKSM pluripotency factors (Oct4, Klf4, c-Myc, Sox2). With an rtTA system, doxycycline reversibly controls OKSM expression. GFP tracks transduced cells. It reprograms somatic cells into iPSCs under tight temporal control for stem cell and disease 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 ℃.