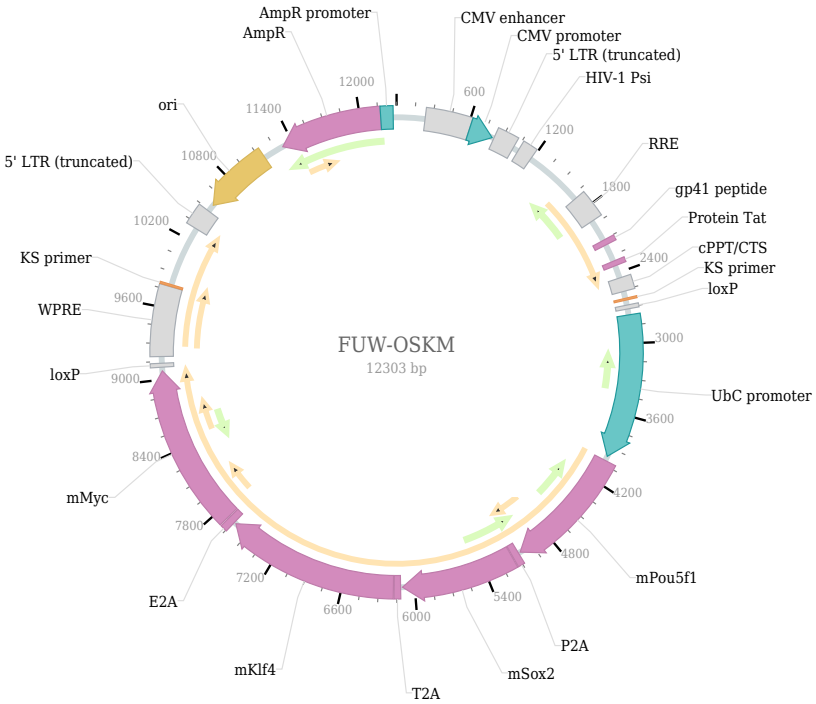
FUW-OSKM

Vector ID	V010666
Antibiotic Resistance	Ampicillin
Length	12303 bp
Vector Type	Lentiviral vectors

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	UbC
Cloning Method	Enzyme digestion and ligation
5' Primer	ACTTTGCAGCCTGAGGGCCA
Growth Strain(s)	Stbl3
Comment	FUW-OSKM is a FUW-based lentiviral plasmid expressing mouse Oct4-P2A-Sox2-T2A-Klf4-E2A-cMyc, used for generating induced pluripotent stem cells.

Vector Map



Plasmid Resuspension Protocol

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 ℃.