

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

FUW-SOKM

RRID:Addgene_20325

Type: Plasmid

Proper Citation

RRID:Addgene_20325

Plasmid Information

URL: <http://www.addgene.org/20325>

Proper Citation: RRID:Addgene_20325

Insert Name: Sox2-P2A-Oct4-T2A-Klf4-E2A-cMyc

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19109433](#)

Vector Backbone Description: Backbone Marker:homemade; Backbone Size:7222; Vector Backbone:FUW (Lenti-Lox-Ubi); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: FUW-SOKM

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260815T081153+0000

Ratings and Alerts

No rating or validation information has been found for FUW-SOKM.

No alerts have been found for FUW-SOKM.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Hovland AS, et al. (2022) Pluripotency factors are repurposed to shape the epigenomic landscape of neural crest cells. *Developmental cell*, 57(19), 2257.

Hwang M, et al. (2020) Five transcriptional factors reprogram fibroblast into myogenic lineage cells via paraxial mesoderm stage. *Cell cycle (Georgetown, Tex.)*, 19(14), 1804.

Joseph R, et al. (2019) Lens epithelial cells-induced pluripotent stem cells as a model to study epithelial-mesenchymal transition during posterior capsular opacification. *Biochemistry and biophysics reports*, 20, 100696.

Salas S, et al. (2017) Induced Pluripotent Stem Cells from Ovarian Tissue. *Current protocols in human genetics*, 95, 21.10.1.

Cui LL, et al. (2017) Integrin $\alpha 4$ Overexpression on Rat Mesenchymal Stem Cells Enhances Transmigration and Reduces Cerebral Embolism After Intracarotid Injection. *Stroke*, 48(10), 2895.

Joseph R, et al. (2016) Modeling Keratoconus Using Induced Pluripotent Stem Cells. *Investigative ophthalmology & visual science*, 57(8), 3685.

Kim SI, et al. (2015) KLF4 N-terminal variance modulates induced reprogramming to pluripotency. *Stem cell reports*, 4(4), 727.

Massumi M, et al. (2014) Efficient programming of human eye conjunctiva-derived induced pluripotent stem (ECiPS) cells into definitive endoderm-like cells. *Experimental cell research*, 322(1), 51.