

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

TetO-FUW-Klf4

RRID:Addgene_20322

Type: Plasmid

Proper Citation

RRID:Addgene_20322

Plasmid Information

URL: <http://www.addgene.org/20322>

Proper Citation: RRID:Addgene_20322

Insert Name: Klf4

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18371436](#)

Vector Backbone Description: Backbone Marker:homemade; Backbone Size:8376; Vector Backbone:FUW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: TetO-FUW-Klf4

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260801T081005+0000

Ratings and Alerts

No rating or validation information has been found for TetO-FUW-Klf4.

No alerts have been found for TetO-FUW-Klf4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Haubenreich C, et al. (2024) Epigenetic and Transcriptional Shifts in Human Neural Stem Cells after Reprogramming into Induced Pluripotent Stem Cells and Subsequent Redifferentiation. *International journal of molecular sciences*, 25(6).

Benchetrit H, et al. (2019) Direct Induction of the Three Pre-implantation Blastocyst Cell Types from Fibroblasts. *Cell stem cell*, 24(6), 983.

An Z, et al. (2019) Sox2 and Klf4 as the Functional Core in Pluripotency Induction without Exogenous Oct4. *Cell reports*, 29(7), 1986.

Liu P, et al. (2018) CRISPR-Based Chromatin Remodeling of the Endogenous Oct4 or Sox2 Locus Enables Reprogramming to Pluripotency. *Cell stem cell*, 22(2), 252.

Hernandez C, et al. (2018) Dppa2/4 Facilitate Epigenetic Remodeling during Reprogramming to Pluripotency. *Cell stem cell*, 23(3), 396.

Johnson N, et al. (2017) Quantitative proteomics screen identifies a substrate repertoire of rhomboid protease RHBDL2 in human cells and implicates it in epithelial homeostasis. *Scientific reports*, 7(1), 7283.

Oh HR, et al. (2016) Critical roles of Cyclin D1 in mouse embryonic fibroblast cell reprogramming. *The FEBS journal*, 283(24), 4549.

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

Yang Z, et al. (2015) Physical Interactions and Functional Coordination between the Core Subunits of Set1/Mll Complexes and the Reprogramming Factors. *PloS one*, 10(12), e0145336.

Schnabel LV, et al. (2012) Genetic background affects induced pluripotent stem cell generation. *Stem cell research & therapy*, 3(4), 30.

Chuang CH, et al. (2010) Incremental genetic perturbations to MCM2-7 expression and subcellular distribution reveal exquisite sensitivity of mice to DNA replication stress. *PLoS genetics*, 6(9), e1001110.