

Resource Summary Report

Generated by [RRID](#) on Aug 21, 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: 20260815T081153+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 [RRID](#) .

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/MLI 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.