Resource Summary Report

Generated by NIF on Sep 10, 2026

TetO-FUW-sox2

RRID:Addgene_20326
Type: Plasmid

Proper Citation

RRID:Addgene_20326

Plasmid Information

URL: http://www.addgene.org/20326

Proper Citation: RRID:Addgene_20326

Insert Name: sox2

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-sox2

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260905T075345+0000

Ratings and Alerts

No rating or validation information has been found for TetO-FUW-sox2.

No alerts have been found for TetO-FUW-sox2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Kemkem Y, et al. (2026) Phaeochromocytomas and paragangliomas harbour tumour-initiating SOX2+ stem cells. Endocrine-related cancer, 33(5).

Cai L, et al. (2025) Transcriptomic insights and feeder-free culturing of porcine expanded potential stem cells from cloned embryos. Stem cell research & therapy, 16(1), 527.

Wollenzien H, et al. (2023) Single-Cell Evolutionary Analysis Reveals Drivers of Plasticity and Mediators of Chemoresistance in Small Cell Lung Cancer. Molecular cancer research : MCR, 21(9), 892.

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

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

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.

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

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.

Falcone C, et al. (2015) Emx2 expression levels in NSCs modulate astrogenesis rates by regulating EgfR and Fgf9. Glia, 63(3), 412.

Eades G, et al. (2015) lincRNA-RoR and miR-145 regulate invasion in triple-negative breast cancer via targeting ARF6. Molecular cancer research : MCR, 13(2), 330.

Zhang Y, et al. (2014) NRF2/long noncoding RNA ROR signaling regulates mammary stem cell expansion and protects against estrogen genotoxicity. The Journal of biological chemistry, 289(45), 31310.

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.