

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

FUW-tetO-hSOX2

RRID:Addgene_20724

Type: Plasmid

Proper Citation

RRID:Addgene_20724

Plasmid Information

URL: <http://www.addgene.org/20724>

Proper Citation: RRID:Addgene_20724

Insert Name: SOX2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18786421](#)

Vector Backbone Description: Backbone Marker:Carlos Lois; Backbone Size:8382; Vector Backbone:FUW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: FUW-tetO-hSOX2

Record Creation Time: 20220422T222052+0000

Record Last Update: 20260725T074420+0000

Ratings and Alerts

No rating or validation information has been found for FUW-tetO-hSOX2.

No alerts have been found for FUW-tetO-hSOX2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Ozkan B, et al. (2025) Cell-type-specific functionality encoded within the intrinsically disordered regions of OCT4. *Nature communications*, 16(1), 8647.

Teague S, et al. (2024) Time-integrated BMP signaling determines fate in a stem cell model for early human development. *Nature communications*, 15(1), 1471.

Choi H, et al. (2024) Establishment of porcine embryonic stem cells in simplified serum free media and feeder free expansion. *Stem cell research & therapy*, 15(1), 245.

Teague S, et al. (2023) The time integral of BMP signaling determines fate in a stem cell model for early human development. *bioRxiv : the preprint server for biology*.

Roberts GA, et al. (2021) Dissecting OCT4 defines the role of nucleosome binding in pluripotency. *Nature cell biology*, 23(8), 834.

Nguyen PNN, et al. (2017) miR-524-5p of the primate-specific C19MC miRNA cluster targets TP53IPN1- and EMT-associated genes to regulate cellular reprogramming. *Stem cell research & therapy*, 8(1), 214.

Cha Y, et al. (2017) Metabolic control of primed human pluripotent stem cell fate and function by the miR-200c-SIRT2 axis. *Nature cell biology*, 19(5), 445.

Rodriguez-Madoz JR, et al. (2017) Reversible dual inhibitor against G9a and DNMT1 improves human iPSC derivation enhancing MET and facilitating transcription factor engagement to the genome. *PloS one*, 12(12), e0190275.

Wu J, et al. (2017) Interspecies Chimerism with Mammalian Pluripotent Stem Cells. *Cell*, 168(3), 473.

Li Z, et al. (2014) Increased expression of S100A6 promotes cell proliferation and migration in human hepatocellular carcinoma. *Journal of molecular medicine (Berlin, Germany)*, 92(3), 291.

Cox JL, et al. (2013) The SOX2-interactome in brain cancer cells identifies the requirement of MSI2 and USP9X for the growth of brain tumor cells. *PloS one*, 8(5), e62857.

Cox JL, et al. (2012) Elevating SOX2 levels deleteriously affects the growth of medulloblastoma and glioblastoma cells. *PloS one*, 7(8), e44087.

Soufi A, et al. (2012) Facilitators and impediments of the pluripotency reprogramming factors' initial engagement with the genome. *Cell*, 151(5), 994.