

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

pLV-tetO-Sox2

RRID:Addgene_19765

Type: Plasmid

Proper Citation

RRID:Addgene_19765

Plasmid Information

URL: <http://www.addgene.org/19765>

Proper Citation: RRID:Addgene_19765

Insert Name: Sox2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18371448](#)

Vector Backbone Description: Backbone Size:9941; Vector Backbone:FUdeltaGW; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: From article: A tet-inducible lentivirus called LV-tetO was generated by removing the EcoRI/PacI fragment containing the ubiquitin promoter elements from the FUdeltaGW vector (modified from FUGW by removal of GFP with EcoRI-XbaI and re-creation of the EcoRI site) and replacing it with tetO sequences derived from pTet-Splice by EcoRI/XhoI digestion.cDNAs for c-Myc (T58A mutant), Klf4, Oct4, and Sox2 were isolated from pMIG or pMX vectors and cloned into LV-tetO using a unique EcoRI restriction site.

Plasmid Name: pLV-tetO-Sox2

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260815T081148+0000

Ratings and Alerts

No rating or validation information has been found for pLV-tetO-Sox2.

No alerts have been found for pLV-tetO-Sox2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Lado-Fernández P, et al. (2025) Transcriptional repression of SOX2 by p53 in cancer cells regulates cell identity and migration. International journal of cancer, 157(5), 980.

Bar-Nur O, et al. (2018) Direct Reprogramming of Mouse Fibroblasts into Functional Skeletal Muscle Progenitors. Stem cell reports, 10(5), 1505.

Mihaylov IS, et al. (2014) Complementation for an essential ancillary non-structural protein function across parvovirus genera. Virology, 468-470, 226.