

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

pLV-tetO-Klf4

RRID:Addgene_19764

Type: Plasmid

Proper Citation

RRID:Addgene_19764

Plasmid Information

URL: <http://www.addgene.org/19764>

Proper Citation: RRID:Addgene_19764

Insert Name: Klf4

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-Klf4

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260815T081148+0000

Ratings and Alerts

No rating or validation information has been found for pLV-tetO-Klf4.

No alerts have been found for pLV-tetO-Klf4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lopez-Ramirez MA, et al. (2017) Thrombospondin1 (TSP1) replacement prevents cerebral cavernous malformations. The Journal of experimental medicine, 214(11), 3331.

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