

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pLVUT-tTR-KRAB

RRID:Addgene_11651

Type: Plasmid

Proper Citation

RRID:Addgene_11651

Plasmid Information

URL: <http://www.addgene.org/11651>

Proper Citation: RRID:Addgene_11651

Insert Name: hUbiquitin C, GFP, tTR-KRAB, Tet-on

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16432520](https://pubmed.ncbi.nlm.nih.gov/16432520/)

Vector Backbone Description: Backbone Size:11480; Vector Backbone:None; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Transgenes can be expressed from any RNA Pol II promoter as part of bicistronic unit comprising the KRAB-based repressor; tetO sequences are inserted into the vector LTR. Tet-on and Tet-off versions rely on repressors that bind in the absence or the presence of doxycycline, respectively. Addition of Pol III promoter-small hairpin RNA cassette allows for drug-controllable RNA interference (Tet-on shRNA). pLVTHM and packaging plasmid for this system are also available at Addgene <http://www.addgene.org/rnaitools> Please visit Trono lab website <http://tronolab.epfl.ch> to see frequently asked questions on cloning strategies and packaging. Note: There is another EcoRI site at 6235 that is not depicted in the author's map.

Plasmid Name: pLVUT-tTR-KRAB

Record Creation Time: 20220422T221610+0000

Record Last Update: 20260919T090614+0000

Ratings and Alerts

No rating or validation information has been found for pLVUT-tTR-KRAB.

No alerts have been found for pLVUT-tTR-KRAB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kallunki T, et al. (2019) How to Choose the Right Inducible Gene Expression System for Mammalian Studies? Cells, 8(8).

Wendland K, et al. (2018) Investigating Gene Function for Neuronal Survival After Metabolic Stress Using Semi-Automated Fluorescence Microscopy and Automated Image Analysis. Frontiers in molecular neuroscience, 11, 393.

Gutekunst CA, et al. (2016) C3 transferase gene therapy for continuous conditional RhoA inhibition. Neuroscience, 339, 308.

Wendland K, et al. (2015) Intrinsic hypoxia sensitivity of the cytomegalovirus promoter. Cell death & disease, 6(10), e1905.