

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

pMA2640

RRID:Addgene_25434

Type: Plasmid

Proper Citation

RRID:Addgene_25434

Plasmid Information

URL: <http://www.addgene.org/25434>

Proper Citation: RRID:Addgene_25434

Insert Name: reverse tetracycline-regulated transactivator Advanced

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19655272](#)

Vector Backbone Description: Backbone Marker:unpublished; Backbone Size:7209; Vector Backbone:pMA2636rc; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMA2640

Record Creation Time: 20220422T222113+0000

Record Last Update: 20260919T091616+0000

Ratings and Alerts

No rating or validation information has been found for pMA2640.

No alerts have been found for pMA2640.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bui TA, et al. (2023) Genetic and Pharmacological YAP Activation Induces Proliferation and Improves Survival in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. *Cells*, 12(17).

Jouvet N, et al. (2021) The Tetracycline-Controlled Transactivator (Tet-On/Off) System in β -Cells Reduces Insulin Expression and Secretion in Mice. *Diabetes*, 70(12), 2850.

Kim S, et al. (2020) High Amount of Transcription Factor IRF8 Engages AP1-IRF Composite Elements in Enhancers to Direct Type 1 Conventional Dendritic Cell Identity. *Immunity*, 53(4), 759.

Sakamaki JI, et al. (2017) Bromodomain Protein BRD4 Is a Transcriptional Repressor of Autophagy and Lysosomal Function. *Molecular cell*, 66(4), 517.

Tang YC, et al. (2017) Aneuploid Cell Survival Relies upon Sphingolipid Homeostasis. *Cancer research*, 77(19), 5272.

de Solis CA, et al. (2016) The Development of a Viral Mediated CRISPR/Cas9 System with Doxycycline Dependent gRNA Expression for Inducible In vitro and In vivo Genome Editing. *Frontiers in molecular neuroscience*, 9, 70.

So L, et al. (2016) The 4E-BP-eIF4E axis promotes rapamycin-sensitive growth and proliferation in lymphocytes. *Science signaling*, 9(430), ra57.

Lee JS, et al. (2015) MCL-1-independent mechanisms of synergy between dual PI3K/mTOR and BCL-2 inhibition in diffuse large B cell lymphoma. *Oncotarget*, 6(34), 35202.

Bell EL, et al. (2011) SirT3 suppresses hypoxia inducible factor 1 α and tumor growth by inhibiting mitochondrial ROS production. *Oncogene*, 30(26), 2986.