

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

FUW-M2rtTA

RRID:Addgene_20342

Type: Plasmid

Proper Citation

RRID:Addgene_20342

Plasmid Information

URL: <http://www.addgene.org/20342>

Proper Citation: RRID:Addgene_20342

Insert Name: M2rtTA

Organism: bacteria

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18786421](#)

Vector Backbone Description: Backbone Marker:homemade; Backbone Size:7231; Vector Backbone:FUW (Lenti-Lox-Ubi); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: FUW-M2rtTA

Record Creation Time: 20220422T222050+0000

Record Last Update: 20260829T080152+0000

Ratings and Alerts

No rating or validation information has been found for FUW-M2rtTA.

No alerts have been found for FUW-M2rtTA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 218 mentions in open access literature.

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

Michael Deans PJ, et al. (2026) Functional implications of polygenic risk for schizophrenia in human neurons. *Nature communications*, 17(1), 1355.

Angiolillo S, et al. (2026) Early Reprogramming Intermediates Enable Direct Neuronal Conversion Via NGN2. *Journal of molecular neuroscience* : MN, 76(1), 20.

Uenaka T, et al. (2026) Prevention of transgene silencing during human pluripotent stem cell differentiation. *Cell stem cell*, 33(3), 517.

Hylton NK, et al. (2026) Pannexin-1 channel activity regulates neurogenesis and cell survival in the developing cortex. *bioRxiv : the preprint server for biology*.

Fernandez Garcia M, et al. (2026) Transcriptomic and phenotypic convergence of neurodevelopmental disorder risk genes in vitro and in vivo. *Nature neuroscience*, 29(5), 1079.

Buchthal J, et al. (2026) Non-invasive ovulation tracking enables genetic engineering in wild rodents. *Cell reports methods*, 6(2), 101311.

Wilms G, et al. (2026) The protein kinase DYRK1B is a p53 target gene and functions as a negative feedback regulator of the transcription factor RFX7. *Cell death & disease*, 17(1).

Qiu J, et al. (2025) CHD7 binds to insulators during neuronal differentiation. *bioRxiv : the preprint server for biology*.

Cai Y, et al. (2025) Subcellular proteomics and iPSC modeling uncover reversible mechanisms of axonal pathology in Alzheimer's disease. *Nature aging*, 5(3), 504.

Chen Q, et al. (2025) Coiled-coil-domain-mediated TRIM E3 protein condensation modulates enzymatic activity and functional specificity. *Cell reports*, 44(6), 115766.

Matusova Z, et al. (2025) Aberrant neurodevelopment in human iPS cell-derived models of Alexander disease. *Glia*, 73(1), 57.

van Voorst TW, et al. (2025) One-step induction of human GABAergic neurons promotes presynaptic development & synapse maturation. *bioRxiv : the preprint server for biology*.

Cai L, et al. (2025) Transcriptomic insights and feeder-free culturing of porcine expanded potential stem cells from cloned embryos. *Stem cell research & therapy*, 16(1), 527.

Kaul D, et al. (2025) Astrocytic glutamate regulation is shaped by adversity and glucocorticoid signalling. *bioRxiv : the preprint server for biology*.

Henriques-Oliveira L, et al. (2025) Anchored screening identifies transcription factor blueprints underlying dendritic cell diversity and subset-specific anti-tumor immunity. *Immunity*.

Simkin D, et al. (2025) Machine Learning Resolves Functional Phenotypes and Therapeutic Responses in KCNQ2 Developmental Epileptic Encephalopathy iPSC Models. bioRxiv : the preprint server for biology.

Zetterdahl OG, et al. (2025) Generation of iPSC Lines with Tagged α -Synuclein for Visualization of Endogenous Protein in Human Cellular Models of Neurodegenerative Disorders. eNeuro, 12(6).

Ha TY, et al. (2025) SOX9 haploinsufficiency reveals SOX9-Noggin interaction in BMP-SMAD signaling pathway in chondrogenesis. Cellular and molecular life sciences : CMLS, 82(1), 99.

Liu M, et al. (2025) O-GlcNAcylation in Gli1+ Mesenchymal Stem Cells Is Indispensable for Bone Formation and Fracture Healing. International journal of molecular sciences, 26(6).

Nuber S, et al. (2025) Stearoyl-CoA desaturase inhibition normalizes brain lipid saturation, α -synuclein homeostasis, and motor function in mutant Gba1-Parkinson mice. JCI insight, 10(13).