Resource Summary Report

Generated by dkNET on Aug 21, 2026

AAVS1-Neo-M2rtTA

RRID:Addgene_60843
Type: Plasmid

Proper Citation

RRID:Addgene_60843

Plasmid Information

URL: http://www.addgene.org/60843

Proper Citation: RRID:Addgene_60843

Insert Name: M2rtTA

Bacterial Resistance: Ampicillin

Defining Citation: PMID:20508142

Vector Backbone Description: Backbone Size:8516; Vector Backbone:N/A; Vector Types:targeting donor; Bacterial Resistance:Ampicillin

Plasmid Name: AAVS1-Neo-M2rtTA

Record Creation Time: 20220422T222349+0000

Record Last Update: 20260815T081736+0000

Ratings and Alerts

No rating or validation information has been found for AAVS1-Neo-M2rtTA.

No alerts have been found for AAVS1-Neo-M2rtTA.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Neve B, et al. (2026) Long non-coding RNA UCA1 modulates SMARCA2-containing SWI/SNF chromatin remodeling complexes in human colorectal cancer. iScience, 29(1), 114283.

Chang X, et al. (2025) ZMYND11 functions in bimodal regulation of latent genes and brain-like splicing to safeguard corticogenesis. Nature communications, 16(1), 9010.

Nadtochy JA, et al. (2025) Transgenic iPSC Lines with Genetically Encoded MitoTimer to Study Mitochondrial Biogenesis in Dopaminergic Neurons with Tauopathy. Biomedicines, 13(3).

Viushkov VS, et al. (2025) The Influence of Cohesin on the Short-Scale Dynamics of Intact and Damaged Chromatin in Different Phases of the Cell Cycle. International journal of molecular sciences, 26(18).

Bansal P, et al. (2024) A dynamic in vitro model of Down syndrome neurogenesis with trisomy 21 gene dosage correction. Science advances, 10(23), eadj0385.

Lisowski P, et al. (2024) Mutant huntingtin impairs neurodevelopment in human brain organoids through CHCHD2-mediated neurometabolic failure. Nature communications, 15(1), 7027.

Yarkova ES, et al. (2024) Detection of ER Stress in iPSC-Derived Neurons Carrying the p.N370S Mutation in the GBA1 Gene. Biomedicines, 12(4).

Ustyantseva E, et al. (2022) Oxidative stress monitoring in iPSC-derived motor neurons using genetically encoded biosensors of H2O2. Scientific reports, 12(1), 8928.

Schmid B, et al. (2021) Generation of two gene edited iPSC-lines carrying a DOX-inducible NGN2 expression cassette with and without GFP in the AAVS1 locus. Stem cell research, 52, 102240.

Vajhøj C, et al. (2021) Establishment of a human induced pluripotent stem cell neuronal model for identification of modulators of A53T ?-synuclein levels and aggregation. PloS one, 16(12), e0261536.

Sherstyuk VV, et al. (2021) Generation of Transgenic Rat Embryonic Stem Cells Using the CRISPR/Cpf1 System for Inducible Gene Knockout. Biochemistry. Biokhimiia, 86(7), 843.

Zhou Z, et al. (2021) Protocol for genome-scale CRISPR screening in engineered lineage reporter hPSCs to study cell fate determination. STAR protocols, 2(2), 100548.

Benito-Kwiecinski S, et al. (2021) An early cell shape transition drives evolutionary expansion of the human forebrain. Cell, 184(8), 2084.

Parent AV, et al. (2021) Selective deletion of human leukocyte antigens protects stem cell-derived islets from immune rejection. Cell reports, 36(7), 109538.

Russell R, et al. (2020) Loss of the transcription factor MAFB limits ?-cell derivation from human PSCs. Nature communications, 11(1), 2742.

Tejero R, et al. (2019) Gene signatures of quiescent glioblastoma cells reveal mesenchymal shift and interactions with niche microenvironment. EBioMedicine, 42, 252.

Ustyantseva EI, et al. (2019) A Platform for Studying Neurodegeneration Mechanisms Using Genetically Encoded Biosensors. Biochemistry. Biokhimiia, 84(3), 299.

Ferreccio A, et al. (2018) Inducible CRISPR genome editing platform in naive human embryonic stem cells reveals JARID2 function in self-renewal. Cell cycle (Georgetown, Tex.), 17(5), 535.

Wu M, et al. (2018) Conditional gene knockout and reconstitution in human iPSCs with an inducible Cas9 system. Stem cell research, 29, 6.

O'Prey J, et al. (2017) Application of CRISPR/Cas9 to Autophagy Research. Methods in enzymology, 588, 79.