

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

Ai9

RRID:Addgene_22799

Type: Plasmid

Proper Citation

RRID:Addgene_22799

Plasmid Information

URL: <http://www.addgene.org/22799>

Proper Citation: RRID:Addgene_22799

Insert Name: CAG-Floxed tdTomato

Organism: n/a

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20023653](#)

Vector Backbone Description: Backbone Size:9862; Vector Backbone:Rosa26 Targeting Vector; Vector Types:Mouse Targeting; Bacterial Resistance:Ampicillin

Plasmid Name: Ai9

Record Creation Time: 20220422T222101+0000

Record Last Update: 20260725T074436+0000

Ratings and Alerts

No rating or validation information has been found for Ai9.

No alerts have been found for Ai9.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Kakiyama G, et al. (2025) Liver specific transgenic expression of CYP7B1 attenuates early western diet-induced MASLD progression. *Journal of lipid research*, 66(3), 100757.

Nichols AEC, et al. (2025) Epitenon-derived progenitors drive fibrosis and regeneration after flexor tendon injury in a spatially-dependent manner. *Nature communications*, 16(1), 5448.

Cheng X, et al. (2024) Multifaceted roles of Meg3 in cellular senescence and atherosclerosis. *Atherosclerosis*, 392, 117506.

Mehlmann LM, et al. (2024) Generation and Characterization of a TRIM21 Overexpressing Mouse Line. *Genesis (New York, N.Y. : 2000)*, 62(5), e23616.

Nakandakari-Higa S, et al. (2024) Universal recording of immune cell interactions in vivo. *Nature*, 627(8003), 399.

Charlesworth CT, et al. (2024) Secreted Particle Information Transfer (SPIT) - A Cellular Platform for In Vivo Genetic Engineering. *bioRxiv : the preprint server for biology*.

Garcia-Gonzalez I, et al. (2024) iSuRe-HadCre is an essential tool for effective conditional genetics. *Nucleic acids research*, 52(13), e56.

Thürkauf M, et al. (2023) Fast, multiplexable and efficient somatic gene deletions in adult mouse skeletal muscle fibers using AAV-CRISPR/Cas9. *Nature communications*, 14(1), 6116.

Takeda N, et al. (2023) Analysis of distribution, collection, and confirmation of capacity dependency of small extracellular vesicles toward a therapy for liver cirrhosis. *Inflammation and regeneration*, 43(1), 48.

Hutchison V, et al. (2023) An inducible tricolor reporter mouse for simultaneous imaging of lysosomes, mitochondria and microtubules. *bioRxiv : the preprint server for biology*.

Munz M, et al. (2023) Pyramidal neurons form active, transient, multilayered circuits perturbed by autism-associated mutations at the inception of neocortex. *Cell*, 186(9), 1930.

Reinhard JR, et al. (2023) Nerve pathology is prevented by linker proteins in mouse models for LAMA2-related muscular dystrophy. *PNAS nexus*, 2(4), pgad083.

Nakandakari-Higa S, et al. (2023) Universal recording of cell-cell contacts in vivo for interaction-based transcriptomics. *bioRxiv : the preprint server for biology*.

Shayya HJ, et al. (2022) ER stress transforms random olfactory receptor choice into axon targeting precision. *Cell*, 185(21), 3896.

Díaz-Hernández ME, et al. (2022) Sexually Dimorphic Increases in Bone Mass Following Tissue-specific Overexpression of Runx1 in Osteoclast Precursors. *Endocrinology*, 163(9).

Kim DS, et al. (2022) Generation of genetically engineered mice for lung cancer with mutant EGFR. *Biochemical and biophysical research communications*, 632, 85.

Wang LL, et al. (2021) Revisiting astrocyte to neuron conversion with lineage tracing in vivo. *Cell*, 184(21), 5465.

Sturmlechner I, et al. (2021) p21 produces a bioactive secretome that places stressed cells under immunosurveillance. *Science (New York, N.Y.)*, 374(6567), eabb3420.

Medendorp WE, et al. (2021) Selective postnatal excitation of neocortical pyramidal neurons results in distinctive behavioral and circuit deficits in adulthood. *iScience*, 24(3), 102157.

Sakers K, et al. (2021) Loss of Quaking RNA binding protein disrupts the expression of genes associated with astrocyte maturation in mouse brain. *Nature communications*, 12(1), 1537.