

Resource Summary Report

Generated by [NIF](#) on Sep 21, 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: 20260919T091549+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 49 mentions in open access literature.

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

Fenstermacher SJ, et al. (2026) Potentiation of active locomotor state by spinal-projecting serotonergic neurons. *Neuron*, 114(6), 1117.

Kapoor S, et al. (2026) In vivo AGO-APP for cell-type- and compartment-specific miRNA profiling in the mouse brain. *Cell reports methods*, 6(1), 101267.

Graham-Paquin AL, et al. (2026) Apoptotic cell clearance triggers epithelial fate reprogramming during prostate regression. *Cell death & disease*, 17(1).

Zhang L, et al. (2026) Genetically encoded fluorescent reporters to visualize α -synuclein pathology in live brain. *Cell*, 189(7), 2108.

Pan R, et al. (2025) Editing DNA methylation in vivo. *Nature communications*, 17(1), 527.

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.

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.

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.

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.

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

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.

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