

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pAAV-CAG-mRuby2

RRID:Addgene_99123

Type: Plasmid

Proper Citation

RRID:Addgene_99123

Plasmid Information

URL: <http://www.addgene.org/99123>

Proper Citation: RRID:Addgene_99123

Insert Name: mRuby2

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28671695](#)

Vector Backbone Description: Vector Backbone:pAAV; Vector Types:Mammalian Expression, AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pAAV-CAG-mRuby2

Record Creation Time: 20220422T222633+0000

Record Last Update: 20260815T082243+0000

Ratings and Alerts

No rating or validation information has been found for pAAV-CAG-mRuby2.

No alerts have been found for pAAV-CAG-mRuby2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Nagao K, et al. (2026) CHARIOT-AAV: Conjugation of diverse vectors to adeno-associated viruses for delivery of large genes. bioRxiv : the preprint server for biology.

Bieri G, et al. (2026) Liver exerkine reverses aging- and Alzheimer's-related memory loss via vasculature. Cell, 189(5), 1499.

Nagao K, et al. (2025) Adeno-associated viruses escort nanomaterials to specific cells and tissues. bioRxiv : the preprint server for biology.

Kasatkina LA, et al. (2022) Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. Nature communications, 13(1), 2813.

Pincus AB, et al. (2022) Multicolor labeling of airway neurons and analysis of parasympathetic heterogeneity. Scientific reports, 12(1), 5006.

Matlashov ME, et al. (2022) Design and Initial Characterization of a Small Near-Infrared Fluorescent Calcium Indicator. Frontiers in cell and developmental biology, 10, 880107.