

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

pR26 CAG AsiSI/MluI

RRID:Addgene_74286

Type: Plasmid

Proper Citation

RRID:Addgene_74286

Plasmid Information

URL: <http://www.addgene.org/74286>

Proper Citation: RRID:Addgene_74286

Insert Name: Rosa26 5-homology region

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26772810](#)

Vector Backbone Description: Vector Backbone:Bluescript; Vector Types;; Bacterial Resistance:Ampicillin

Plasmid Name: pR26 CAG AsiSI/MluI

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260829T081011+0000

Ratings and Alerts

No rating or validation information has been found for pR26 CAG AsiSI/MluI.

No alerts have been found for pR26 CAG AsiSI/MluI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Mazzola MC, et al. (2026) Shifting IRES versus Cap-initiated translation during homeostatic stem cell differentiation and stress. *Science advances*, 12(21), eadz7896.

Wiesner E, et al. (2025) A red fluorescent lifeact marker to study actin morphology in podocytes. *Scientific reports*, 15(1), 12386.

Mazzola MC, et al. (2025) Differentiation stage-specific use of cap-independent and cap-dependent translation initiation in hematopoiesis. *bioRxiv : the preprint server for biology*.

Zhang Y, et al. (2025) Neurons sequester the cholesterol-inhibiting TFEB in oligodendrocyte cytoplasm to safeguard myelination and neural function. *Cell reports*, 44(9), 116252.

Krammer T, et al. (2024) Mouse neural tube organoids self-organize floorplate through BMP-mediated cluster competition. *Developmental cell*, 59(15), 1940.

Fahlberg MD, et al. (2024) Overcoming fixation and permeabilization challenges in flow cytometry by optical barcoding and multi-pass acquisition. *bioRxiv : the preprint server for biology*.

Li L, et al. (2023) A mouse model with high clonal barcode diversity for joint lineage, transcriptomic, and epigenomic profiling in single cells. *Cell*, 186(23), 5183.

Chen Z, et al. (2023) A Fluorescent Reporter Mouse for In Vivo Assessment of Genome Editing with Diverse Cas Nucleases and Prime Editors. *The CRISPR journal*, 6(6), 570.

Rayaprolu S, et al. (2022) Cell type-specific biotin labeling in vivo resolves regional neuronal and astrocyte proteomic differences in mouse brain. *Nature communications*, 13(1), 2927.

Macdonald L, et al. (2022) Rapid and specific degradation of endogenous proteins in mouse models using auxin-inducible degrons. *eLife*, 11.

Patrick M, et al. (2022) Metabolon formation regulates branched-chain amino acid oxidation and homeostasis. *Nature metabolism*, 4(12), 1775.

Liu S, et al. (2021) AIF3 splicing switch triggers neurodegeneration. *Molecular neurodegeneration*, 16(1), 25.

O'Hagan D, et al. (2021) Efficient generation of endogenous protein reporters for mouse development. *Development (Cambridge, England)*, 148(13).

Qi L, et al. (2021) Aspartate availability limits hematopoietic stem cell function during hematopoietic regeneration. *Cell stem cell*, 28(11), 1982.

Yin C, et al. (2019) Pharmacological Targeting of STK19 Inhibits Oncogenic NRAS-Driven Melanomagenesis. *Cell*, 176(5), 1113.

Chen S, et al. (2019) CRISPR-READI: Efficient Generation of Knockin Mice by CRISPR RNP Electroporation and AAV Donor Infection. *Cell reports*, 27(13), 3780.

Gu B, et al. (2018) Efficient generation of targeted large insertions by microinjection into two-cell-stage mouse embryos. *Nature biotechnology*, 36(7), 632.