

Resource Summary Report

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

pCAGGS-mCherry

RRID:Addgene_41583

Type: Plasmid

Proper Citation

RRID:Addgene_41583

Plasmid Information

URL: <http://www.addgene.org/41583>

Proper Citation: RRID:Addgene_41583

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22546613](#)

Vector Backbone Description: Backbone Size:4790; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCAGGS-mCherry

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260725T074653+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-mCherry.

No alerts have been found for pCAGGS-mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Szmyd R, et al. (2025) Homologous recombination promotes non-immunogenic mitotic cell death upon DNA damage. *Nature cell biology*, 27(1), 59.

Smirnov AV, et al. (2025) Studying concatenation of the Cas9-cleaved transgenes using barcodes. *Vavilovskii zhurnal genetiki i selektsii*, 29(1), 26.

Rogers CB, et al. (2025) Cell Type Specific Suppression of Hyper-Recombination by Human RAD18 Is Linked to Proliferating Cell Nuclear Antigen K164 Ubiquitination. *Biomolecules*, 15(1).

Uwase G, et al. (2025) Ebola virus VP35>NNLNS motif modulates viral RNA synthesis and MIB2-mediated signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 122(39), e2411961122.

Vandemaele L, et al. (2025) High-throughput split-GFP antiviral screening assay against fusogenic paramyxoviruses. *Antiviral research*, 241, 106242.

Yan R, et al. (2025) Convergent flow-mediated mesenchymal force drives embryonic foregut constriction and splitting. *bioRxiv : the preprint server for biology*.

Pifer PM, et al. (2024) FAK Drives Resistance to Therapy in HPV-Negative Head and Neck Cancer in a p53-Dependent Manner. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(1), 187.

Immanneni C, et al. (2024) ATP1A3 Disease Spectrum Includes Paroxysmal Weakness and Encephalopathy Not Triggered by Fever. *Neurology. Genetics*, 10(3), e200150.

Teijeira A, et al. (2024) Low-Dose Ionizing γ -Radiation Elicits the Extrusion of Neutrophil Extracellular Traps. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(18), 4131.

He H, et al. (2024) De novo generation of SARS-CoV-2 antibody CDRH3 with a pre-trained generative large language model. *Nature communications*, 15(1), 6867.

Fan S, et al. (2024) Molecular mechanism of contactin 2 homophilic interaction. *Structure (London, England : 1993)*, 32(10), 1652.

Nelemans T, et al. (2024) Usutu virus NS4A suppresses the host interferon response by disrupting MAVS signaling. *Virus research*, 347, 199431.

Stone HM, et al. (2023) Beluga whale and bottlenose dolphin ACE2 proteins allow cell entry mediated by spike protein from three variants of SARS-CoV-2. *Biology letters*, 19(12), 20230321.

Mann MM, et al. (2023) Understanding how transmembrane domains regulate interactions between human BST-2 and the SARS-CoV-2 accessory protein ORF7a. *Biochimica et biophysica acta. Biomembranes*, 1865(6), 184174.

Rogers CB, et al. (2023) Fanconi anemia-associated chromosomal radial formation is dependent on POL η -mediated alternative end joining. *Cell reports*, 42(5), 112428.

Moreau MX, et al. (2023) Repurposing of the multiciliation gene regulatory network in fate specification of Cajal-Retzius neurons. *Developmental cell*, 58(15), 1365.

Akkermans O, et al. (2022) GPC3-Unc5 receptor complex structure and role in cell migration. *Cell*, 185(21), 3931.

Dorado García H, et al. (2022) Therapeutic targeting of ATR in alveolar rhabdomyosarcoma. *Nature communications*, 13(1), 4297.

Rajan A, et al. (2022) Modulation of BRCA1 mediated DNA damage repair by deregulated ER- α signaling in breast cancers. *American journal of cancer research*, 12(1), 17.

Creanga A, et al. (2021) A comprehensive influenza reporter virus panel for high-throughput deep profiling of neutralizing antibodies. *Nature communications*, 12(1), 1722.