

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

B6;D2-Tg(CAG/CAT/GAP43-GFP)

RRID:IMSR_CARD:547

Type: Organism

Proper Citation

RRID:IMSR_CARD:547

Organism Information

URL: <https://cardmice.com/rbase/strain?strainid=547>

Proper Citation: RRID:IMSR_CARD:547

Description: Mus musculus with name B6;D2-Tg(CAG/CAT/GAP43-GFP) from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene; mutant stock: GAP43-GFP

Affected Gene: transgene

Catalog Number: CARD:547

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: B6;D2-Tg(CAG/CAT/GAP43-GFP)

Record Creation Time: 20250513T061413+0000

Record Last Update: 20260912T064230+0000

Ratings and Alerts

No rating or validation information has been found for B6;D2-Tg(CAG/CAT/GAP43-GFP).

No alerts have been found for B6;D2-Tg(CAG/CAT/GAP43-GFP).

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Liu J, et al. (2026) Multimodal supramolecular targeting chimeras enable spatiotemporally resolved protein degradation in vivo. *Cell*, 189(4), 1108.

Wang X, et al. (2025) Machine-learning-assisted universal protein activation in living mice. *Cell*, 188(14), 3696.

Riezk A, et al. (2025) Comparative assessment of macrophage responses and antileishmanial efficacy in dynamic vs. Static culture systems utilizing chitosan-based formulations. *PloS one*, 20(3), e0319610.

Lin F, et al. (2024) Multimodal targeting chimeras enable integrated immunotherapy leveraging tumor-immune microenvironment. *Cell*, 187(26), 7470.

Nasr S, et al. (2024) A computational pipeline for identifying gene targets and signalling pathways in cancer cells to improve lymphocyte infiltration and immune checkpoint therapy efficacy. *EBioMedicine*, 104, 105167.

Schatz S, et al. (2023) Generation of Antibodies Selectively Recognizing Epitopes in a Formaldehyde-Fixed Cell-Surface Antigen Using Virus-like Particle Display and Hybridoma Technology. *Antibodies (Basel, Switzerland)*, 12(3).

Afkhami S, et al. (2022) Respiratory mucosal delivery of next-generation COVID-19 vaccine provides robust protection against both ancestral and variant strains of SARS-CoV-2. *Cell*, 185(5), 896.

Blaszczak W, et al. (2021) Immune modulation underpins the anti-cancer activity of HDAC inhibitors. *Molecular oncology*, 15(12), 3280.

Yao Y, et al. (2018) Induction of Autonomous Memory Alveolar Macrophages Requires T Cell Help and Is Critical to Trained Immunity. *Cell*, 175(6), 1634.

Mastri M, et al. (2018) A Transient Pseudosenescent Secretome Promotes Tumor Growth after Antiangiogenic Therapy Withdrawal. *Cell reports*, 25(13), 3706.