

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

BALB/c-Tg(CMV-cre)1Cgn/J

RRID:IMSR_JAX:003465

Type: Organism

Proper Citation

RRID:IMSR_JAX:003465

Organism Information

URL: <https://www.jax.org/strain/003465>

Proper Citation: RRID:IMSR_JAX:003465

Description: Mus musculus with name BALB/c-Tg(CMV-cre)1Cgn/J from IMSR.

Species: Mus musculus

Synonyms: BALB/c-TgN(CMV-Cre)1Cgn

Notes: gene symbol note: cytomegalovirus|transgene insertion 1; University of Cologne|; mutant strain: CMV|Tg(CMV-cre)1Cgn|

Affected Gene: cytomegalovirus|transgene insertion 1; University of Cologne|

Genomic Alteration: transgene insertion 1; University of Cologne

Catalog Number: JAX:003465

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: BALB/c-Tg(CMV-cre)1Cgn/J

Record Creation Time: 20250513T053639+0000

Record Last Update: 20260919T054829+0000

Ratings and Alerts

No rating or validation information has been found for BALB/c-Tg(CMV-cre)1Cgn/J.

No alerts have been found for BALB/c-Tg(CMV-cre)1Cgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Nightingale R, et al. (2024) Ehf controls mammary alveolar lineage differentiation and is a putative suppressor of breast tumorigenesis. *Developmental cell*, 59(15), 1988.

Zhou J, et al. (2022) Sprouting Angiogenesis in Human Pituitary Adenomas. *Frontiers in oncology*, 12, 875219.

Gaziano I, et al. (2022) Dopamine-inhibited POMCDrd2+ neurons in the ARC acutely regulate feeding and body temperature. *JCI insight*, 7(21).

Sundberg JP, et al. (2020) Keratinocyte-specific deletion of SHARPIN induces atopic dermatitis-like inflammation in mice. *PloS one*, 15(7), e0235295.

Zhu W, et al. (2019) Meg3-DMR, not the Meg3 gene, regulates imprinting of the Dlk1-Dio3 locus. *Developmental biology*, 455(1), 10.

Maupin KA, et al. (2018) Enhanced cortical bone expansion in Lgals3-deficient mice during aging. *Bone research*, 6, 7.

Mughal W, et al. (2018) Myocardin regulates mitochondrial calcium homeostasis and prevents permeability transition. *Cell death and differentiation*, 25(10), 1732.

Zhang Y, et al. (2018) Replacing nonmuscle myosin 2A with myosin 2C1 permits gastrulation but not placenta vascular development in mice. *Molecular biology of the cell*, 29(19), 2326.

Liu S, et al. (2016) Gata3 restrains B cell proliferation and cooperates with p18INK4c to repress B cell lymphomagenesis. *Oncotarget*, 7(39), 64007.

Sheen MR, et al. (2015) Myristoylated p110?? Causes Embryonic Death Due to Developmental and Vascular Defects. *Open life sciences*, 10(1), 461.