

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org) on Mar 31, 2025

B6.C-Tg(CMV-cre)1Cgn/J

RRID:IMSR_JAX:006054

Type: Organism

Proper Citation

RRID:IMSR_JAX:006054

Organism Information

URL: <https://www.jax.org/strain/006054>

Proper Citation: RRID:IMSR_JAX:006054

Description: Mus musculus with name B6.C-Tg(CMV-cre)1Cgn/J from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: transgene insertion 1; University of Cologne

Catalog Number: JAX:006054

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: live

Alternate IDs: IMSR_JAX:6054

Organism Name: B6.C-Tg(CMV-cre)1Cgn/J

Record Creation Time: 20230509T193249+0000

Record Last Update: 20240104T174845+0000

Ratings and Alerts

No rating or validation information has been found for B6.C-Tg(CMV-cre)1Cgn/J.

No alerts have been found for B6.C-Tg(CMV-cre)1Cgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 340 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Cortes DE, et al. (2024) An in vitro neurogenetics platform for precision disease modeling in the mouse. *Science advances*, 10(14), eadj9305.

Mesnard CS, et al. (2024) Synaptotagmin-9 in mouse retina. *Visual neuroscience*, 41, E003.

Pyrillou K, et al. (2024) Loss of T follicular regulatory cell-derived IL-1R2 augments germinal center reactions via increased IL-1. *JCI insight*, 9(5).

Phinney NZ, et al. (2024) Development of betabodies: The next generation of phosphatidylserine targeting agents. *The Journal of biological chemistry*, 300(9), 107681.

Eaton AF, et al. (2024) Dmx11 Is an Essential Mammalian Gene that Is Required for V-ATPase Assembly and Function In Vivo. *Function (Oxford, England)*, 5(4).

LeBleu VS, et al. (2024) Genetic reprogramming with stem cells regenerates glomerular epithelial podocytes in Alport syndrome. *Life science alliance*, 7(6).

Kang J, et al. (2024) Cell-autonomous role of leucine-rich repeat kinase in the protection of dopaminergic neuron survival. *eLife*, 12.

Barta CL, et al. (2024) Retinal inputs that drive optomotor responses of mice under mesopic conditions. *IBRO neuroscience reports*, 17, 138.

Tongmuang N, et al. (2024) Floxed Il1rl2 Locus with mCherry Reporter Element Reveals Distinct Expression Patterns of the IL-36 Receptor in Barrier Tissues. *Cells*, 13(9).

Hebert JD, et al. (2024) Modeling the genomic complexity of human cancer using Cas12a mice. *bioRxiv : the preprint server for biology*.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. *Cell reports*, 43(3), 113929.

Napoli FR, et al. (2024) Microphthalmia and disrupted retinal development due to a LacZ knock-in/knock-out allele at the *Vsx2* locus. *bioRxiv : the preprint server for biology*.

Hebert JD, et al. (2024) Combinatorial in vivo genome editing identifies widespread epistasis during lung tumorigenesis. *bioRxiv : the preprint server for biology*.

Gao KM, et al. (2024) Endothelial cell expression of a STING gain-of-function mutation initiates pulmonary lymphocytic infiltration. *Cell reports*, 43(4), 114114.

Napoli FR, et al. (2024) Microphthalmia and Disrupted Retinal Development Due to a LacZ Knock-in/Knock-Out Allele at the *Vsx2* Locus. *Eye and brain*, 16, 115.

Molinaro G, et al. (2024) Female-specific dysfunction of sensory neocortical circuits in a mouse model of autism mediated by mGluR5 and estrogen receptor ?. *Cell reports*, 43(4), 114056.

Housset M, et al. (2024) Identification of a non-canonical planar cell polarity pathway triggered by light in the developing mouse retina. *Developmental cell*.

Moeller J, et al. (2024) Ablation of PC1/3 in POMC-Expressing Tissues but Not in Immune Cells Induces Sepsis Hypersensitivity. *Journal of the Endocrine Society*, 8(11), bvae171.

Jin S, et al. (2023) Astroglial exosome HepaCAM signaling and ApoE antagonization coordinates early postnatal cortical pyramidal neuronal axon growth and dendritic spine formation. *bioRxiv : the preprint server for biology*.

Fahrner A, et al. (2023) microRNA-501 controls myogenin+/CD74+ myogenic progenitor cells during muscle regeneration. *Molecular metabolism*, 71, 101704.