

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

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; mutant strain|congenic 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:006054

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

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

Record Creation Time: 20250513T053654+0000

Record Last Update: 20260725T044405+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: JAX Mice and Services

Usage and Citation Metrics

We found 367 mentions in open access literature.

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

Li GX, et al. (2025) EphB4-ephrin-B2 are targets in castration resistant prostate cancer. British journal of cancer, 132(8), 679.

Demuyneck B, et al. (2025) Infigratinib low dose therapy is an effective strategy to treat hypochondroplasia. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 40(11), 1255.

Nelson AN, et al. (2025) STAT1-mediated interferon signaling in the hematopoietic system is essential for restricting Usutu virus infection in vivo. PLoS neglected tropical diseases, 19(7), e0013317.

Koblan LW, et al. (2025) High-resolution spatial mapping of cell state and lineage dynamics in vivo with PEtracer. Science (New York, N.Y.), eadx3800.

Yang Y, et al. (2025) Nkapl deletion drives cognitive deficits through mPFC interneuron dysfunction in a mouse model of schizophrenia. Science advances, 11(40), eadv4779.

Gardner K, et al. (2025) Dek Loss Induces Sex-Dependent, Task-Specific Cognitive Deficits and Reprograms the Hippocampal Transcriptome in Mice. Research square.

Starrett JH, et al. (2025) TYRA-300, an FGFR3-selective inhibitor, promotes bone growth in two FGFR3-driven models of chondrodysplasia. JCI insight, 10(9).

Brechb??hl J, et al. (2025) Environmental stress promotes the persistence of juvenile traits in olfactory neurons as a protective mechanism. iScience, 28(8), 113078.

Poirier A, et al. (2025) Generation and characterization of a Cre-inducible ZNF768 overexpression mouse model. Scientific reports, 15(1), 19792.

Johnstone ME, et al. (2025) DEK promotes mammary hyperplasia and is associated with H3K27me3 epigenetic modifications. Life science alliance, 8(9).

Beirowski B, et al. (2025) Death receptor 6 does not regulate axon degeneration and Schwann cell injury responses during Wallerian degeneration. bioRxiv : the preprint server for biology.

Aisenberg EE, et al. (2025) Gastrin-releasing peptide signaling in the nucleus accumbens medial shell regulates neuronal excitability and motivation. Nature communications, 16(1), 9314.

Buerger F, et al. (2025) Recessive variants in the intergenic NOS1AP-C1orf226 locus cause monogenic kidney disease responsive to anti-proteinuric treatment. *Nature communications*, 16(1), 10654.

Rassner M, et al. (2025) Oncostatin M induced by STAT5-activating oncogenes promotes disease progression in hematologic malignancies. *Signal transduction and targeted therapy*, 10(1), 400.

Wang Y, et al. (2025) Ppp2r1a haploinsufficiency increases excitatory synaptic transmission and decreases spatial learning by impairing endocannabinoid signaling. *The Journal of clinical investigation*, 135(17).

Hebert JD, et al. (2025) Combinatorial In Vivo Genome Editing Identifies Widespread Epistasis and an Accessible Fitness Landscape During Lung Tumorigenesis. *Molecular biology and evolution*, 42(2).

Lin S, et al. (2025) Rbpms2 prevents major cardiac defects in cardiomyocyte-specific Rbpms-deficient mice. *Developmental cell*.

Bear R, et al. (2025) In vivo genetic labeling of primary cilia in developing astrocytes. *BMC molecular and cell biology*, 26(1), 23.

Sirek JM, et al. (2025) Generation of a conditional Adamts6 mouse allele reveals roles in lung maturation in addition to cardiac and musculoskeletal development. *Matrix biology plus*, 28, 100186.

Edupuganti RR, et al. (2025) Integrator promotes the association of TFIID and RNA polymerase II to maintain pluripotency during development. *Molecular cell*, 85(15), 2937.