

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 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: [transgene insertion 1; University of Cologne|cytomegalovirus; mutant strain|congenic strain: [Tg(CMV-cre)1Cgn|CMV

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

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: 20260808T050857+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 381 mentions in open access literature.

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

Jiang L, et al. (2026) E3 ligase AREL1 controls perinuclear localization of lysosomes and supports Purkinje cell survival. The EMBO journal, 45(3), 655.

Wyer SC, et al. (2026) GPR75 in glutamatergic neurons regulates body weight. Cell reports, 45(3), 117011.

Figurek A, et al. (2026) Pyrimidinergic calcium signaling links tubular metabolism to fibrosis in kidney disease. Nature communications, 17(1).

Liakopoulou A, et al. (2026) ATAD2 mediates chromatin-bound histone chaperone turnover. eLife, 14.

Sun Z, et al. (2026) GPR182 is a lipoprotein receptor for dietary fat absorption. The Journal of clinical investigation, 136(12).

Brown NL, et al. (2026) Direct Comparison of Constitutive Rax-Cre Transgenic Drivers That Activate in the Mouse Embryonic Eye Field. Investigative ophthalmology & visual science, 67(4), 33.

Gardner KL, et al. (2026) DEK Loss Induces Task-specific Deficits in Learning and Memory and Reprograms the Hippocampal Transcriptome in Mice. Molecular neurobiology, 63(1).

Beirowski B, et al. (2026) Death receptor 6 does not regulate axon degeneration and Schwann cell injury responses during Wallerian degeneration. eLife, 14.

Li Y, et al. (2026) ALKBH3 m1A Demethylase Deficiency Reduces Alzheimer's Amyloid-? Pathology. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(32), e22572.

Guldner IH, et al. (2026) Ageing promotes microglial accumulation of slow-degrading synaptic proteins. Nature, 650(8103), 930.

Locarno A, et al. (2026) Endocannabinoid modulation of a reciprocal fronto-coerulear connection in contextual discrimination. Cell reports, 45(4), 117141.

Liu C, et al. (2026) CCDC181, a kinocilium-localization protein, is dispensable for hair bundle development and auditory perception. Neuroscience letters, 883, 138660.

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

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.

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.

Demuynck 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.

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

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.

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

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