

# Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

## CBA/CaJ

RRID:IMSR\_JAX:000654

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:000654

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### Organism Information

**URL:** <https://www.jax.org/strain/000654>

**Proper Citation:** RRID:IMSR\_JAX:000654

**Description:** Mus musculus with name CBA/CaJ from IMSR.

**Species:** Mus musculus

**Synonyms:** CBA Carter J

**Notes:** gene symbol note: resistance to MCF virus|glutamate receptor; metabotropic 6;  
inbred strain: Rmcf|Grm6

**Affected Gene:** resistance to MCF virus|glutamate receptor; metabotropic 6

**Genomic Alteration:** MCF resistant|no b wave 8

**Catalog Number:** JAX:000654

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** CBA/CaJ

**Record Creation Time:** 20250513T053620+0000

**Record Last Update:** 20260829T044909+0000

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### Ratings and Alerts

No rating or validation information has been found for CBA/CaJ.

No alerts have been found for CBA/CaJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 383 mentions in open access literature.

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

Yan L, et al. (2026) XIAP Stabilizes DDRGK1 to Promote ER-Phagy and Protects Against Noise-Induced Hearing Loss. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(18), e11217.

Mullen BR, et al. (2026) Population decoding of sound source location by receptive field neurons in the mouse superior colliculus. *bioRxiv : the preprint server for biology*.

Liu X, et al. (2026) Connexin 26 Functions as a Direct Transcriptional Regulator During the Cochlea Development. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e14136.

Chen ??? Y, et al. (2026) Robust Representation and Nonlinear Spectral Integration of Harmonic Stacks in Layer 4 of the Mouse Primary Auditory Cortex. *eNeuro*, 13(3).

Beale AD, et al. (2026) A cellular basis for the mammalian nocturnal-diurnal switch. *Science* (New York, N.Y.), 391(6788), eady2822.

Santos JLA, et al. (2026) CCorGsDB: a database for clock correlated genes in the mouse and human central nervous systems. *Npj biological timing and sleep*, 3(1).

Lin ST, et al. (2026) Analysis of retinal ganglion cell subtypes across six different inbred mouse strains. *Molecular vision*, 32, 120.

Tang M, et al. (2026) Naïve pluripotency and genomic stability are coordinated in embryonic stem cells by a novel pluripotency regulator ZFP998. *Nucleic acids research*, 54(10).

Huang Y, et al. (2026) Oral AZD5438 is a clinically translatable otoprotectant against cisplatin-induced hearing loss. *Neoplasia* (New York, N.Y.), 71, 101250.

Zhang C, et al. (2026) Hormonal regulation of cochlear gene expression: effects of the estrous cycle, ovariectomy, and estradiol treatment. *Biology of sex differences*, 17(1).

Owoc MS, et al. (2026) Multiparametric Classification of Pure-tone Responses Distinguishes Neurons in Inferior Colliculus Subdivisions. *bioRxiv : the preprint server for biology*.

Payne SA, et al. (2026) A Novel Central-Peripheral Interface: The Auditory Nerve Glial Transition Zone Exhibits Enhanced Age-Related Immune and Glial Cell Dysfunction. bioRxiv : the preprint server for biology.

Barkasi M, et al. (2026) Logistic regression for estimating functional effects with spatial transcriptomics. Nucleic acids research, 54(9).

Yang Y, et al. (2026) Lack of Oncomodulin Increases ATP-Dependent Calcium Signaling and Susceptibility to Noise in Adult Mice. eNeuro, 13(6).

Buran BN, et al. (2026) Predicting Cochlear Synaptopathy in Mice with Varying Degrees of Outer Hair Cell Dysfunction Using Auditory Evoked Potentials. Journal of the Association for Research in Otolaryngology : JARO, 27(1), 61.

Burwood GWS, et al. (2026) A Newly Identified Role of the Tectorial Membrane in Aminoglycoside Ototoxicity. bioRxiv : the preprint server for biology.

Jeong M, et al. (2026) Engineering of functional auditory neurons from human induced pluripotent stem cells. Military Medical Research, 13(1), 100008.

Li W, et al. (2026) Spontaneous whole genome duplication renders mouse embryonic fibroblasts resistant to reprogramming. Cell & bioscience, 16(1).

Dewey JB, et al. (2026) Broadband amplification of organ of Corti vibrations in the mouse cochlear apex. bioRxiv : the preprint server for biology.

Khan AM, et al. (2026) ChREBP?: a central metabolic sensor driving lipid droplet renewal in preimplantation mouse embryos. Frontiers in cell and developmental biology, 14, 1793255.