

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

CBA/CaJ

RRID:IMSR_JAX:000654

Type: Organism

Proper Citation

RRID:IMSR_JAX:000654

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: 20260815T050529+0000

Ratings and Alerts

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

No alerts have been found for CBA/CaJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 383 mentions in open access literature.

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

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.