Resource Summary Report

Generated by dkNET on Aug 19, 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 .

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.

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.

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.

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).

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).

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

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.