Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

B6N(Cg)-Cdh23$^{tm2.1Kjn}$/Kjn

RRID:IMSR_JAX:018399
Type: Organism

Proper Citation

RRID:IMSR_JAX:018399

Organism Information

URL: https://www.jax.org/strain/018399

Proper Citation: RRID:IMSR_JAX:018399

Description: Mus musculus with name B6N(Cg)-Cdh23$^{tm2.1Kjn}$/Kjn from IMSR.

Species: Mus musculus

Notes: gene symbol note: cadherin related 23 (otocadherin); mutant strain: Cdh23

Affected Gene: cadherin related 23 (otocadherin)

Genomic Alteration: targeted mutation 2.1; Kenneth R Johnson

Catalog Number: JAX:018399

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:18399

Organism Name: B6N(Cg)-Cdh23$^{tm2.1Kjn}$/Kjn

Record Creation Time: 20230509T193313+0000

Record Last Update: 20250412T090614+0000

Ratings and Alerts

No rating or validation information has been found for B6N(Cg)-Cdh23$^{tm2.1Kjn}$/Kjn.

No alerts have been found for B6N(Cg)-Cdh23$^{tm2.1Kjn}$/Kjn.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Clayton KK, et al. (2024) Sound elicits stereotyped facial movements that provide a sensitive index of hearing abilities in mice. Current biology : CB.

Clayton KK, et al. (2024) Cortical determinants of loudness perception and auditory hypersensitivity. bioRxiv : the preprint server for biology.

Lesicko AMH, et al. (2022) Corticofugal regulation of predictive coding. eLife, 11.

Johnson KR, et al. (2017) Effects of Cdh23 single nucleotide substitutions on age-related hearing loss in C57BL/6 and 129S1/Sv mice and comparisons with congenic strains. Scientific reports, 7, 44450.