Resource Summary Report

Generated by dkNET on Aug 18, 2026

Pcdh15^{av-3J}/Pcdh15^{av-3J}

RRID:MGI:3581190
Type: Organism

Proper Citation

RRID:MGI:3581190

Organism Information

URL:

Proper Citation: RRID:MGI:3581190

Description: Allele Detail: Spontaneous This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Spontaneous This is a legacy resource.

Phenotype: absent linear vestibular evoked potential, increased or absent threshold for auditory brainstem response, abnormal outer hair cell stereociliary bundle morphology, abnormal orientation of cochlear hair cell stereociliary bundles, abnormal inner hair cell kinocilium morphology, circling, hearing/vestibular/ear phenotype, abnormal inner hair cell stereociliary bundle morphology, abnormal cochlear hair cell inter-stereocilial links morphology, abnormal cochlear hair cell morphology, abnormal inner hair cell stereociliary bundle morphology, short cochlear hair cell stereocilia, abnormal outer hair cell stereociliary bundle morphology, impaired swimming, abnormal cochlear hair bundle tip links morphology, abnormal cochlear outer hair cell morphology, abnormal reflex, circling, impaired swimming, abnormal outer hair cell kinocilium morphology

Affected Gene: Pcdh15

Genomic Alteration: av-3J

Catalog Number: 3581190

Background: C57BL/6J-Pcdh15/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:18339676, PMID:16235133, PMID:11124469

Organism Name: Pcdh15$^{av\text{-}3J}$/Pcdh15$^{av\text{-}3J}$

Record Creation Time: 20240120T190629+0000

Record Last Update: 20240130T202022+0000

Ratings and Alerts

No rating or validation information has been found for Pcdh15$^{av\text{-}3J}$/Pcdh15$^{av\text{-}3J}$.

No alerts have been found for Pcdh15$^{av\text{-}3J}$/Pcdh15$^{av\text{-}3J}$.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Sun S, et al. (2018) Hair Cell Mechanotransduction Regulates Spontaneous Activity and Spiral Ganglion Subtype Specification in the Auditory System. Cell, 174(5), 1247.