

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Cldn11^{tm1Ral}/Cldn11^{tm1Ral}](#)

RRID:MGI:2450122

Type: Organism

Proper Citation

RRID:MGI:2450122

Organism Information

URL:

Proper Citation: RRID:MGI:2450122

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

Species: Mus musculus

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

Phenotype: abnormal grip strength, abnormal seminiferous tubule morphology, abnormal myelin sheath morphology, increased or absent threshold for auditory brainstem response, impaired coordination, abnormal auditory brainstem response waveform shape, cochlear outer hair cell degeneration, abnormal visual evoked potential, absent strial basal cell tight junctions, deafness, nervous system phenotype, abnormal Sertoli cell barrier morphology, abnormal spermatogenesis, small testis, abnormal distortion product otoacoustic emission, male infertility, azoospermia, decreased endocochlear potential, tremors

Affected Gene: Cldn11

Genomic Alteration: tm1Ral

Catalog Number: 2450122

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10612400](#), [PMID:15306639](#)

Organism Name: Cldn11^{tm1Ral}/Cldn11^{tm1Ral}

Record Creation Time: 20240120T190745+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Cldn11^{tm1Ral}/Cldn11^{tm1Ral}.

No alerts have been found for Cldn11^{tm1Ral}/Cldn11^{tm1Ral}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.