

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Cacna1^{tm1.1Sdie}/Cacna1^{tm1.1Sdie}](#)

RRID:MGI:3838721

Type: Organism

Proper Citation

RRID:MGI:3838721

Organism Information

URL:

Proper Citation: RRID:MGI:3838721

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

Species: Mus musculus

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

Phenotype: abnormal retinal inner plexiform layer morphology, abnormal b-wave shape, abnormal horizontal cell morphology, abnormal retinal bipolar cell morphology, abnormal retinal cone cell morphology, abnormal retinal outer nuclear layer morphology, abnormal retinal outer plexiform layer morphology, abnormal synapse morphology, abnormal vision, blindness, retinal cone cell degeneration, thin retinal outer plexiform layer, retinal gliosis

Affected Gene: Cacna1f

Genomic Alteration: tm1.1Sdie

Catalog Number: 3838721

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24163243](#)

Organism Name: Cacna1^{tm1.1Sdie}/Cacna1^{tm1.1Sdie}

Record Creation Time: 20240120T190348+0000

Record Last Update: 20240130T201936+0000

Ratings and Alerts

No rating or validation information has been found for Cacna1^{tm1.1Sdie}/Cacna1^{tm1.1Sdie}.

No alerts have been found for Cacna1^{tm1.1Sdie}/Cacna1^{tm1.1Sdie}.

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.