

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

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

RRID:MGI:5550383

Type: Organism

Proper Citation

RRID:MGI:5550383

Organism Information

URL:

Proper Citation: RRID:MGI:5550383

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

Species: Mus musculus

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

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

Affected Gene: Cacna1f

Genomic Alteration: tm1.1Sdie

Catalog Number: 5550383

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}

Record Creation Time: 20240120T190055+0000

Record Last Update: 20240130T201711+0000

Ratings and Alerts

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

No alerts have been found for 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.