

# Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

## B6J.Cg-Cacna1<sup>f<sup>m1Ntbh</sup></sup>/Mmucd

RRID:MMRRC\_068052-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_068052-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=68052](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68052)

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**Description:** Mus musculus with name B6J.Cg-Cacna1<sup>f<sup>m1Ntbh</sup></sup>/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cell Biology, Developmental Biology, Immunology and Inflammation, Models for Human Disease, Neurobiology, Research Tools; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** abnormal sensory neuron innervation pattern [MP:0000968]| abnormal eye electrophysiology [MP:0005551]| abnormal horizontal cell morphology [MP:0006068]| abnormal retinal neuronal layer morphology [MP:0006069]| abnormal retinal rod bipolar cell morphology [MP:0006074]| thin retinal outer plexiform layer [MP:0008519]| absent visual evoked potential [MP:0010749]| abnormal electroretinogram waveform feature [MP:0012029]

**Affected Gene:** Cacna1f

**Catalog Number:** 068052-UCD

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:16155113](#), [PMID:21835646](#), [PMID:29179637](#), [PMID:33117610](#), [PMID:18076080](#)

**Alternate IDs:** MMRRC\_68052-UCD, MMRRC\_068052, MMRRC\_6852

**Organism Name:** B6J.Cg-*Cacna1<sup>f<sup>m1Ntbh</sup></sup>*/Mmucd

**Record Creation Time:** 20230308T055515+0000

**Record Last Update:** 20260815T130915+0000

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## Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Cacna1<sup>f<sup>m1Ntbh</sup></sup>*/Mmucd.

No alerts have been found for B6J.Cg-*Cacna1<sup>f<sup>m1Ntbh</sup></sup>*/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.