

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

B6J.Cg-Cacna1^{f^{m1Ntbh}}/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

Proper Citation: RRID:MMRRC_068052-UCD

Description: Mus musculus with name B6J.Cg-Cacna1^{f^{m1Ntbh}}/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*^{*f^{m1Ntbh}*}/Mmucd

Record Creation Time: 20230308T055515+0000

Record Last Update: 20260808T125040+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Cacna1*^{*f^{m1Ntbh}*}/Mmucd.

No alerts have been found for B6J.Cg-*Cacna1*^{*f^{m1Ntbh}*}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.