

Resource Summary Report

Generated by T1D on Sep 19, 2026

B6.129(Cg)-Cacna2d1^{tm1.1Gfng/J}

RRID:IMSR_JAX:030704

Type: Organism

Proper Citation

RRID:IMSR_JAX:030704

Organism Information

URL: <https://www.jax.org/strain/030704>

Proper Citation: RRID:IMSR_JAX:030704

Description: Mus musculus with name B6.129(Cg)-Cacna2d1^{tm1.1Gfng/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: calcium channel; voltage-dependent; alpha2/delta subunit 1; mutant strain|congenic strain: Cacna2d1

Affected Gene: calcium channel; voltage-dependent; alpha2/delta subunit 1

Genomic Alteration: targeted mutation 1.1; Guoping Feng

Catalog Number: JAX:030704

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(Cg)-Cacna2d1^{tm1.1Gfng/J}

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260919T055001+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Cacna2d1^{tm1.1Gfng/J}.

No alerts have been found for B6.129(Cg)-Cacna2d1^{tm1.1Gfng/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Roy D, et al. (2024) β 2 β 1-mediated maladaptive sensory plasticity disrupts adipose tissue homeostasis following spinal cord injury. Cell reports. Medicine, 5(5), 101525.

Held RG, et al. (2020) Synapse and Active Zone Assembly in the Absence of Presynaptic Ca²⁺ Channels and Ca²⁺ Entry. Neuron, 107(4), 667.