

# Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

## B6.129(Cg)-Cacna2d1<sup>tm1.1Gfng/J</sup>

RRID:IMSR\_JAX:030704

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:030704

### Organism Information

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

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**Description:** Mus musculus with name B6.129(Cg)-Cacna2d1<sup>tm1.1Gfng/J</sup> 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<sup>tm1.1Gfng/J</sup>

**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<sup>tm1.1Gfng/J</sup>.

No alerts have been found for B6.129(Cg)-Cacna2d1<sup>tm1.1Gfng/J</sup>.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Roy D, et al. (2024)  $\beta$ 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  $Ca^{2+}$  Channels and  $Ca^{2+}$  Entry. Neuron, 107(4), 667.