

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

B6;SJL-Cacna2d4^{em1Leea}/J

RRID:IMSR_JAX:035183

Type: Organism

Proper Citation

RRID:IMSR_JAX:035183

Organism Information

URL: <https://www.jax.org/strain/035183>

Proper Citation: RRID:IMSR_JAX:035183

Description: Mus musculus with name B6;SJL-Cacna2d4^{em1Leea}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Cacna2d4/J

Notes: gene symbol note: calcium channel; voltage-dependent; alpha 2/delta subunit 4;
mutant stock: Cacna2d4

Affected Gene: calcium channel; voltage-dependent; alpha 2/delta subunit 4

Genomic Alteration: endonuclease-mediated mutation 1; Amy Lee

Catalog Number: JAX:035183

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;SJL-Cacna2d4^{em1Leea}/J

Record Creation Time: 20250513T053847+0000

Record Last Update: 20260912T060619+0000

Ratings and Alerts

No rating or validation information has been found for B6;SJL-Cacna2d4^{em1Leea}/J.

No alerts have been found for B6;SJL-Cacna2d4^{em1Leea}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Laird JG, et al. (2023) Mouse all-cone retina models of Cav1.4 synaptopathy. Frontiers in molecular neuroscience, 16, 1155955.