

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

STOCK Cacna1c^{tm3Hfm}/J

RRID:IMSR_JAX:024714

Type: Organism

Proper Citation

RRID:IMSR_JAX:024714

Organism Information

URL: <https://www.jax.org/strain/024714>

Proper Citation: RRID:IMSR_JAX:024714

Description: Mus musculus with name STOCK Cacna1c^{tm3Hfm}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: calcium channel; voltage-dependent; L type; alpha 1C subunit; mutant stock: Cacna1c

Affected Gene: calcium channel; voltage-dependent; L type; alpha 1C subunit

Genomic Alteration: targeted mutation 3; Franz Hofmann

Catalog Number: JAX:024714

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Cacna1c^{tm3Hfm}/J

Record Creation Time: 20250513T053752+0000

Record Last Update: 20260808T050954+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Cacna1c^{tm3Hfm}/J.

No alerts have been found for STOCK Cacna1c^{tm3Hfm}/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 [SPARC SAWG](#) .

Kamijo S, et al. (2018) A Critical Neurodevelopmental Role for L-Type Voltage-Gated Calcium Channels in Neurite Extension and Radial Migration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(24), 5551.