

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

B6J-Cacna1c^{em3(Y1709/Y1758F)}Smpmy

RRID:IMSR_RBRC12301

Type: Organism

Proper Citation

RRID:IMSR_RBRC12301

Organism Information

URL: <https://brc.riken.jp/mus/RBRC12301>

Proper Citation: RRID:IMSR_RBRC12301

Description: Mus musculus with name B6J-Cacna1c^{em3(Y1709/Y1758F)}Smpmy from IMSR.

Species: Mus musculus

Synonyms: C57BL/6J-Cacna1c/Smpmy

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

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

Genomic Alteration: endonuclease-mediated mutation 3; Mitsuhiro Yamada

Catalog Number: RBRC12301

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: sperm

Organism Name: B6J-Cacna1c^{em3(Y1709/Y1758F)}Smpmy

Record Creation Time: 20250513T061536+0000

Record Last Update: 20260801T055031+0000

Ratings and Alerts

No rating or validation information has been found for B6J-Cacna1c^{em3(Y1709/Y1758F)}Smpmy.

No alerts have been found for B6J-Cacna1c^{em3(Y1709/Y1758F)}Smpmy.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We have not found any literature mentions for this resource.