

# Resource Summary Report

Generated by T1D on Sep 19, 2026

## B6J-Cacna1c<sup>em3(Y1709/Y1758F)</sup>Smpmy

RRID:IMSR\_RBRC12301

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC12301

### Organism Information

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

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**Description:** Mus musculus with name B6J-Cacna1c<sup>em3(Y1709/Y1758F)</sup>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<sup>em3(Y1709/Y1758F)</sup>Smpmy

**Record Creation Time:** 20250513T061536+0000

**Record Last Update:** 20260919T063259+0000

### Ratings and Alerts

No rating or validation information has been found for B6J-Cacna1c<sup>em3(Y1709/Y1758F)</sup>Smpmy.

No alerts have been found for B6J-Cacna1c<sup>em3(Y1709/Y1758F)</sup>Smpmy.

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## Data and Source Information

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

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.