

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

[B6;129S4\(SJL\)-Cacna1a^{tm3.1\(CACNA1A\)}Ttan/TtanRbrctan](#)

RRID:IMSR_RBRC04886

Type: Organism

Proper Citation

RRID:IMSR_RBRC04886

Organism Information

URL: <https://brc.riken.jp/mus/RBRC04886>

Proper Citation: RRID:IMSR_RBRC04886

Description: Mus musculus with name B6;129S4(SJL)-Cacna1a^{tm3.1(CACNA1A)}Ttan/TtanRbrctan from IMSR.

Species: Mus musculus

Synonyms: STOCK Cacna1a/TtanRbrctan>

Notes: gene symbol note: calcium channel; voltage-dependent; P/Q type; alpha 1A subunit; mutant stock: Cacna1a

Affected Gene: calcium channel; voltage-dependent; P/Q type; alpha 1A subunit

Genomic Alteration: targeted mutation 3.1; Tsutomu Tanabe

Catalog Number: RBRC04886

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6;129S4(SJL)-Cacna1a^{tm3.1(CACNA1A)}Ttan/TtanRbrctan

Record Creation Time: 20250513T061458+0000

Record Last Update: 20260801T054932+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4(SJL)-Cacna1a^{tm3.1(CACNA1A)Ttan/TtanRbrctan}.

No alerts have been found for B6;129S4(SJL)-Cacna1a^{tm3.1(CACNA1A)Ttan/TtanRbrctan}.

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.