

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 1, 2026

B6.129X1-Camkk2^{tm1Tch}/J

RRID:IMSR_JAX:014172

Type: Organism

Proper Citation

RRID:IMSR_JAX:014172

Organism Information

URL: <https://www.jax.org/strain/014172>

Proper Citation: RRID:IMSR_JAX:014172

Description: Mus musculus with name B6.129X1-Camkk2^{tm1Tch}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: calcium/calmodulin-dependent protein kinase kinase 2; beta; mutant strain|congenic strain: Camkk2

Affected Gene: calcium/calmodulin-dependent protein kinase kinase 2; beta

Genomic Alteration: targeted mutation 1; Talal A Chatila

Catalog Number: JAX:014172

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129X1-Camkk2^{tm1Tch}/J

Record Creation Time: 20250513T053727+0000

Record Last Update: 20260801T050442+0000

Ratings and Alerts

No rating or validation information has been found for B6.129X1-Camkk2^{tm1Tch}/J.

No alerts have been found for B6.129X1-Camkk2^{tm1Tch}/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 [PRECISE-TBI](#) .

Wang DM, et al. (2026) CaMKK?? regulates transcription factor Elf2 gene methylation to maintain endothelial junctional barrier integrity. iScience, 29(1), 114255.