

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 1, 2025

B6.129-Camk4^{tm1Gsc}/leg

RRID:IMSR_EM:02126

Type: Organism

Proper Citation

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Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-search/straindetails/?q=2126>

Proper Citation: RRID:IMSR_EM:02126

Description: Mus musculus with name B6.129-Camk4^{tm1Gsc}/leg from IMSR.

Species: Mus musculus

Synonyms: CaMKIV flox

Notes: gene symbol note: calcium/calmodulin-dependent protein kinase IV; mutant strain: Camk4

Affected Gene: calcium/calmodulin-dependent protein kinase IV

Genomic Alteration: targeted mutation 1; Gunther Schutz

Catalog Number: EM:02126

Database: International Mouse Resource Center IMSR, EMMA

Database Abbreviation: IMSR

Availability: embryo

Alternate IDs: IMSR_EM:2126

Organism Name: B6.129-Camk4^{tm1Gsc}/leg

Record Creation Time: 20230509T195659+0000

Record Last Update: 20250412T111933+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Camk4^{tm1Gsc}/leg.

No alerts have been found for B6.129-Camk4^{tm1Gsc}/leg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, EMMA

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Trojanowski NF, et al. (2021) CaMKIV Signaling Is Not Essential for the Maintenance of Intrinsic or Synaptic Properties in Mouse Visual Cortex. eNeuro, 8(4).

Moeyaert B, et al. (2018) Improved methods for marking active neuron populations. Nature communications, 9(1), 4440.