

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

B6;129-Prkca^{tm1Jmk/J}

RRID:IMSR_JAX:009068

Type: Organism

Proper Citation

RRID:IMSR_JAX:009068

Organism Information

URL: <https://www.jax.org/strain/009068>

Proper Citation: RRID:IMSR_JAX:009068

Description: Mus musculus with name B6;129-Prkca^{tm1Jmk/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: protein kinase C; alpha; mutant stock: Prkca

Affected Gene: protein kinase C; alpha

Genomic Alteration: targeted mutation 1; Jeffery D Molkentin

Catalog Number: JAX:009068

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Prkca^{tm1Jmk/J}

Record Creation Time: 20250513T053712+0000

Record Last Update: 20260808T050918+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Prkca^{tm1Jmk/J}.

No alerts have been found for B6;129-Prkca^{tm1Jmk/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Xiong L, et al. (2025) Targeting protein kinase C- β prolongs survival and restores liver function in sepsis: Evidence from preclinical models. *Pharmacological research*, 212, 107581.

Kim YR, et al. (2018) *Toxoplasma gondii* GRA8 induces ATP5A1-SIRT3-mediated mitochondrial metabolic resuscitation: a potential therapy for sepsis. *Experimental & molecular medicine*, 50(3), e464.

Koh HJ, et al. (2017) *Toxoplasma gondii* GRA7-Targeted ASC and PLD1 Promote Antibacterial Host Defense via PKC β . *PLoS pathogens*, 13(1), e1006126.