

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6;129P2-Prkcg^{tm1Stl/J}

RRID:IMSR_JAX:002466

Type: Organism

Proper Citation

RRID:IMSR_JAX:002466

Organism Information

URL: <https://www.jax.org/strain/002466>

Proper Citation: RRID:IMSR_JAX:002466

Description: Mus musculus with name B6;129P2-Prkcg^{tm1Stl/J} from IMSR.

Species: Mus musculus

Synonyms: B6;129P2-Prkcc/J

Notes: gene symbol note: protein kinase C; gamma; mutant stock: Prkcg

Affected Gene: protein kinase C; gamma

Genomic Alteration: targeted mutation 1; Susumu Tonegawa

Catalog Number: JAX:002466

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Prkcg^{tm1Stl/J}

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260808T050834+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Prkcg^{tm1Stl/J}.

No alerts have been found for B6;129P2-Prkcg^{tm1Stl/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 [SPARC SAWG](#) .

Colgan LA, et al. (2018) PKC?? integrates spatiotemporally distinct Ca²⁺ and autocrine BDNF signaling to facilitate synaptic plasticity. Nature neuroscience, 21(8), 1027.