

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

B6;129P2-Gucy2e^{cpfl9}/BocJ

RRID:IMSR_JAX:033197

Type: Organism

Proper Citation

RRID:IMSR_JAX:033197

Organism Information

URL: <https://www.jax.org/strain/033197>

Proper Citation: RRID:IMSR_JAX:033197

Description: Mus musculus with name B6;129P2-Gucy2e^{cpfl9}/BocJ from IMSR.

Species: Mus musculus

Synonyms: B6;129P2-Gucy2e/Boc

Notes: gene symbol note: guanylate cyclase 2e; mutant strain: Gucy2e

Affected Gene: guanylate cyclase 2e

Genomic Alteration: cone photoreceptor function loss mutation 9

Catalog Number: JAX:033197

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129P2-Gucy2e^{cpfl9}/BocJ

Record Creation Time: 20250513T053834+0000

Record Last Update: 20260725T044531+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Gucy2e^{cpfl9}/BocJ.

No alerts have been found for B6;129P2-Gucy2e^{cpfl9}/BocJ.

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 [kravitz2](#) .

Naggert ASEN, et al. (2022) A mouse model of cone photoreceptor function loss (cpfl9) with degeneration due to a mutation in Gucy2e. Frontiers in molecular neuroscience, 15, 1080136.