

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

B6.129S4-Per3^{tm1Drw/J}

RRID:IMSR_JAX:010493

Type: Organism

Proper Citation

RRID:IMSR_JAX:010493

Organism Information

URL: <https://www.jax.org/strain/010493>

Proper Citation: RRID:IMSR_JAX:010493

Description: Mus musculus with name B6.129S4-Per3^{tm1Drw/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: period circadian clock 3; mutant strain|congenic strain: Per3

Affected Gene: period circadian clock 3

Genomic Alteration: targeted mutation 1; David R Weaver

Catalog Number: JAX:010493

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-Per3^{tm1Drw/J}

Record Creation Time: 20250513T053715+0000

Record Last Update: 20260815T050625+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Per3^{tm1Drw/J}.

No alerts have been found for B6.129S4-Per3^{tm1Drw/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 [NIF](#) .

Taufique SKT, et al. (2025) A novel circadian behavior rhythm in arrhythmic Period triple knockout mice revealed by constant light exposure. iScience, 28(9), 113292.