

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

B6.129-Opn1mw^{tm1(OPN1LW)}Nat/J

RRID:IMSR_JAX:008619

Type: Organism

Proper Citation

RRID:IMSR_JAX:008619

Organism Information

URL: <https://www.jax.org/strain/008619>

Proper Citation: RRID:IMSR_JAX:008619

Description: Mus musculus with name B6.129-Opn1mw^{tm1(OPN1LW)}Nat/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: opsin 1; long wave sensitive|opsin 1 (cone pigments); medium-wave-sensitive (color blindness; deutan); mutant stock|congenic strain: OPN1LW|Opn1mw

Affected Gene: opsin 1; long wave sensitive|opsin 1 (cone pigments); medium-wave-sensitive (color blindness; deutan)

Genomic Alteration: targeted mutation 1; Jeremy Nathans

Catalog Number: JAX:008619

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Opn1mw^{tm1(OPN1LW)}Nat/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260919T054858+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Opn1mw^{tm1(OPN1LW)}Nat/J.

No alerts have been found for B6.129-Opn1mw^{tm1(OPN1LW)}Nat/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.