

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6;A-Tg(OPN1LW-lacZ)1Nat/J

RRID:IMSR_JAX:008618

Type: Organism

Proper Citation

RRID:IMSR_JAX:008618

Organism Information

URL: <https://www.jax.org/strain/008618>

Proper Citation: RRID:IMSR_JAX:008618

Description: Mus musculus with name B6;A-Tg(OPN1LW-lacZ)1Nat/J from IMSR.

Species: Mus musculus

Synonyms: B6(A)-Tg(OPN1LW-lacZ)1Nat/J

Notes: gene symbol note: beta-galactosidase|transgene insertion 1; Jeremy Nathans|opsin 1; long wave sensitive; mutant stock: lacZ|Tg(OPN1LW-lacZ)1Nat|OPN1LW

Affected Gene: beta-galactosidase|transgene insertion 1; Jeremy Nathans|opsin 1; long wave sensitive

Genomic Alteration: transgene insertion 1; Jeremy Nathans

Catalog Number: JAX:008618

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;A-Tg(OPN1LW-lacZ)1Nat/J

Record Creation Time: 20250513T053710+0000

Record Last Update: 20260808T050915+0000

Ratings and Alerts

No rating or validation information has been found for B6;A-Tg(OPN1LW-lacZ)1Nat/J.

No alerts have been found for B6;A-Tg(OPN1LW-lacZ)1Nat/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.