

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

NON/ShiLtJ

RRID:IMSR_JAX:002423

Type: Organism

Proper Citation

RRID:IMSR_JAX:002423

Organism Information

URL: <https://www.jax.org/strain/002423>

Proper Citation: RRID:IMSR_JAX:002423

Description: Mus musculus with name NON/ShiLtJ from IMSR.

Species: Mus musculus

Synonyms: NON/LtJ. Non-obese Non-diabetic

Notes: gene symbol note: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide; inbred strain: Pde6b

Affected Gene: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide

Genomic Alteration: retinal degeneration 1

Catalog Number: JAX:002423

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: NON/ShiLtJ

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260919T054821+0000

Ratings and Alerts

No rating or validation information has been found for NON/ShiLtJ.

No alerts have been found for NON/ShiLtJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [Kravitz](#) .

Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. Cell reports, 38(2), 110231.

Molendijk J, et al. (2022) Proteome-wide systems genetics identifies UFMylation as a regulator of skeletal muscle function. eLife, 11.