

# Resource Summary Report

Generated by ASWG on Jul 29, 2026

## NON/ShiLtJ

RRID:IMSR\_JAX:002423

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:002423

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### 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:** 20260725T044339+0000

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### Ratings and Alerts

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

No alerts have been found for NON/ShiLtJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.