

# Resource Summary Report

Generated by [Kravitz](#) on Sep 22, 2026

## C57BL/6J-Ngly1<sup>em4</sup>Lutzy/J

RRID:IMSR\_JAX:027060

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:027060

### Organism Information

**URL:** <https://www.jax.org/strain/027060>

**Proper Citation:** RRID:IMSR\_JAX:027060

**Description:** Mus musculus with name C57BL/6J-Ngly1<sup>em4</sup>Lutzy/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: N-glycanase 1; coisogenic strain|mutant strain: Ngly1

**Affected Gene:** N-glycanase 1

**Genomic Alteration:** endonuclease-mediated mutation 4; Cathy Lutz

**Catalog Number:** JAX:027060

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6J-Ngly1<sup>em4</sup>Lutzy/J

**Record Creation Time:** 20250513T053759+0000

**Record Last Update:** 20260919T054944+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Ngly1<sup>em4</sup>Lutzy/J.

No alerts have been found for C57BL/6J-Ngly1<sup>em4</sup>Lutzy/J.

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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 [Kravitz](#) .

Talsness DM, et al. (2020) A Drosophila screen identifies NKCC1 as a modifier of NGLY1 deficiency. eLife, 9.

Yang K, et al. (2018) N-glycanase NGLY1 regulates mitochondrial homeostasis and inflammation through NRF1. The Journal of experimental medicine, 215(10), 2600.