

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

C57BL/6J-Ngly1^{em4}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^{em4}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^{em4}Lutzy/J

Record Creation Time: 20250513T053759+0000

Record Last Update: 20260808T050959+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Ngly1^{em4}Lutzy/J.

No alerts have been found for C57BL/6J-Ngly1^{em4}Lutzy/J.

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 [ASWG](#) .

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.