

# Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

## [Neil1<sup>tm1Rsld</sup>/Neil1<sup>tm1Rsld</sup>](#)

RRID:MGI:3620065

Type: Organism

### Proper Citation

RRID:MGI:3620065

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3620065

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** increased circulating insulin level, spontaneous skin ulceration, infertility, pale liver, hepatic steatosis, enlarged liver, increased circulating triglyceride level, increased tumor incidence, increased total body fat amount, obese, abnormal proximal convoluted tubule morphology, joint inflammation, abnormal liver morphology, abnormal adipose tissue distribution, increased circulating leptin level

**Affected Gene:** Neil1

**Genomic Alteration:** tm1Rsld

**Catalog Number:** 3620065

**Background:** involves: 129S1/Sv \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:16446448](#)

**Organism Name:** Neil1<sup>tm1Rsld</sup>/Neil1<sup>tm1Rsld</sup>

**Record Creation Time:** 20240120T190604+0000

**Record Last Update:** 20240130T202007+0000

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## Ratings and Alerts

No rating or validation information has been found for Neil1<sup>tm1Rsl</sup>d/Neil1<sup>tm1Rsl</sup>d.

No alerts have been found for Neil1<sup>tm1Rsl</sup>d/Neil1<sup>tm1Rsl</sup>d.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.