

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Neil1^{tm1Rsld}/Neil1^{tm1Rsld}](#)

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^{tm1Rsld}/Neil1^{tm1Rsld}

Record Creation Time: 20240120T190604+0000

Record Last Update: 20240130T202007+0000

Ratings and Alerts

No rating or validation information has been found for Neil1^{tm1Rsld}/Neil1^{tm1Rsld}.

No alerts have been found for Neil1^{tm1Rsld}/Neil1^{tm1Rsld}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.