

Resource Summary Report

Generated by [NIF](#) on Sep 20, 2026

[Neil3^{tm1Bjor}/Neil3^{tm1Bjor}](#)

RRID:MGI:5306040

Type: Organism

Proper Citation

RRID:MGI:5306040

Organism Information

URL:

Proper Citation: RRID:MGI:5306040

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

Species: Mus musculus

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

Phenotype: decreased microglial cell activation, increased cerebral infarction size, decreased neuronal precursor cell number, abnormal DNA repair, abnormal neuron differentiation, abnormal neuronal precursor proliferation

Affected Gene: Neil3

Genomic Alteration: tm1Bjor

Catalog Number: 5306040

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22065741](#)

Organism Name: Neil3^{tm1Bjor}/Neil3^{tm1Bjor}

Record Creation Time: 20240120T190158+0000

Record Last Update: 20240130T201749+0000

Ratings and Alerts

No rating or validation information has been found for Neil3^{tm1Bjor}/Neil3^{tm1Bjor}.

No alerts have been found for Neil3^{tm1Bjor}/Neil3^{tm1Bjor}.

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.