

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

[Neu1^{tm1Adz}/Neu1^{tm1Adz}](#)

RRID:MGI:3719098

Type: Organism

Proper Citation

RRID:MGI:3719098

Organism Information

URL:

Proper Citation: RRID:MGI:3719098

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

Species: Mus musculus

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

Phenotype: enlarged spleen, myoclonus, decreased body weight, distended urinary bladder, abnormal urine homeostasis, kyphosis, abnormal neuron morphology, accumulation of giant lysosomes in kidney/renal tubule cells, abnormal Kupffer cell morphology, lordosis, edema, tremors, extremity edema, ischuria, skin edema, abnormal gait, respiratory distress, premature death, eyelid edema, hyperkeratosis, extramedullary hematopoiesis, spleen hyperplasia, hydronephrosis, decreased circulating total protein level, abnormal lysosome morphology, abnormal choroid plexus morphology, abnormal microglial cell morphology

Affected Gene: Neu1

Genomic Alteration: tm1Adz

Catalog Number: 3719098

Background: either: (involves: 129S1/Sv * C57BL/6) or (involves: 129S1/Sv * NMRI)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12023988](#)

Organism Name: Neu1^{tm1Adz}/Neu1^{tm1Adz}

Record Creation Time: 20240120T190508+0000

Record Last Update: 20240130T201935+0000

Ratings and Alerts

No rating or validation information has been found for Neu1^{tm1Adz}/Neu1^{tm1Adz}.

No alerts have been found for Neu1^{tm1Adz}/Neu1^{tm1Adz}.

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.