

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

[Nsun2^{tm1a\(EUCOMM\)Wtsi}](#)/[Nsun2^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5790984

Type: Organism

Proper Citation

RRID:MGI:5790984

Organism Information

URL:

Proper Citation: RRID:MGI:5790984

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

Species: Mus musculus

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

Phenotype: decreased percent body fat/body weight, improved glucose tolerance, decreased total body fat amount, decreased bone mineral density, increased oxygen consumption, abnormal spine curvature, hyperactivity, decreased circulating HDL cholesterol level, decreased length of long bones, increased erythrocyte cell number, decreased circulating cholesterol level, decreased circulating free fatty acid level, decreased circulating glucose level, abnormal lens morphology, decreased lean body mass, abnormal humerus morphology, abnormal joint morphology, increased energy expenditure, decreased circulating LDL cholesterol level, increased carbon dioxide production, abnormal hair cycle anagen phase, testis degeneration, abnormal fertility/fecundity, abnormal deltoid tuberosity morphology, decreased circulating amylase level, lordosis, abnormal cranium morphology, decreased energy expenditure, abnormal tooth morphology, decreased circulating glycerol level, cataract, abnormal snout morphology, decreased mean corpuscular hemoglobin, oligozoospermia, abnormal cornea morphology, decreased mean corpuscular volume, abnormal liver physiology, lethality, incomplete penetrance, kyphosis, decreased body length, decreased body weight, abnormal hair shedding, decreased bone mineral content, decreased grip strength

Affected Gene: Nsun2

Genomic Alteration: tm1a(EUCOMM)Wtsi

Catalog Number: 5790984

Background: involves: C57BL/6 * C57BL/6N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24652767](#)

Organism Name: Nsun2^{tm1a(EUCOMM)Wtsi}/Nsun2^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T185856+0000

Record Last Update: 20240130T201557+0000

Ratings and Alerts

No rating or validation information has been found for Nsun2^{tm1a(EUCOMM)Wtsi}/Nsun2^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Nsun2^{tm1a(EUCOMM)Wtsi}/Nsun2^{tm1a(EUCOMM)Wtsi}.

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.