

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Nos2^{tm1Lau}/Nos2^{tm1Lau}](#)

RRID:MGI:2174977

Type: Organism

Proper Citation

RRID:MGI:2174977

Organism Information

URL:

Proper Citation: RRID:MGI:2174977

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

Species: Mus musculus

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

Phenotype: immune system phenotype, cardiovascular system phenotype, abnormal systemic arterial blood pressure, increased circulating antidiuretic hormone level, decreased white adipose tissue amount, decreased circulating leptin level, immune system phenotype, skin inflammation, immune system phenotype, increased circulating creatinine level, abnormal enzyme/coenzyme level, abnormal blood homeostasis, increased sensitivity to induced morbidity/mortality, abnormal fertilization, abnormal immune system morphology, increased T cell proliferation, abnormal adaptive immunity, enlarged inguinal lymph nodes, increased single-positive T cell number, increased susceptibility to bacterial infection, abnormal reproductive system morphology, increased sperm number, abnormal gametogenesis, enlarged seminiferous tubules, increased testis weight, abnormal testis morphology, abnormal male meiosis, increased food intake, increased growth rate, altered tumor susceptibility, increased insulin sensitivity, improved glucose tolerance, homeostasis/metabolism phenotype

Affected Gene: Nos2

Genomic Alteration: tm1Lau

Catalog Number: 2174977

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10948185](#), [PMID:15971084](#), [PMID:15556608](#), [PMID:12682064](#), [PMID:15199408](#), [PMID:12438451](#), [PMID:7479866](#), [PMID:16027239](#), [PMID:11590438](#), [PMID:8917564](#), [PMID:16087361](#), [PMID:12810565](#), [PMID:15205363](#), [PMID:16886062](#)

Organism Name: Nos2^{tm1Lau}/Nos2^{tm1Lau}

Record Creation Time: 20240120T190759+0000

Record Last Update: 20240130T202113+0000

Ratings and Alerts

No rating or validation information has been found for Nos2^{tm1Lau}/Nos2^{tm1Lau}.

No alerts have been found for Nos2^{tm1Lau}/Nos2^{tm1Lau}.

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.