

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

[Nos3^{tm1Plh}/Nos3^{tm1Plh}](#)

RRID:MGI:3621557

Type: Organism

Proper Citation

RRID:MGI:3621557

Organism Information

URL:

Proper Citation: RRID:MGI:3621557

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

Species: Mus musculus

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

Phenotype: abnormal circulating glucose level, abnormal vascular endothelial cell physiology, abnormal systemic arterial blood pressure, decreased adiponectin level, increased circulating triglyceride level, increased white adipose tissue amount, cardiovascular system phenotype, abnormal induced retinal neovascularization, abnormal nervous system physiology, abnormal seizure response to inducing agent, hypertension, abnormal blood circulation

Affected Gene: Nos3

Genomic Alteration: tm1Plh

Catalog Number: 3621557

Background: B6.129S4-Nos3

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12781920](#), [PMID:18413498](#), [PMID:11920687](#)

Organism Name: Nos3^{tm1Plh}/Nos3^{tm1Plh}

Record Creation Time: 20240120T190601+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Nos3^{tm1Plh}/Nos3^{tm1Plh}.

No alerts have been found for Nos3^{tm1Plh}/Nos3^{tm1Plh}.

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.