

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

[Nos3^{tm1Unc}/Nos3^{tm1Unc}](#)

RRID:MGI:3618625

Type: Organism

Proper Citation

RRID:MGI:3618625

Organism Information

URL:

Proper Citation: RRID:MGI:3618625

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

Species: Mus musculus

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

Phenotype: abnormal blood homeostasis, abnormal glucose homeostasis, abnormal heart morphology, increased circulating insulin level, increased circulating free fatty acid level, increased heart rate, abnormal systemic arterial blood pressure, insulin resistance, hyperlipidemia, increased systemic arterial diastolic blood pressure, increased heart weight, increased systemic arterial blood pressure, hypertension, thin ventricular wall, increased systemic arterial systolic blood pressure, decreased vasodilation, dilated heart left ventricle, decreased body weight, cardiac hypertrophy, hypertension, increased circulating cholesterol level, abnormal interventricular septum morphology, decreased cardiac muscle contractility, premature death, increased circulating triglyceride level

Affected Gene: Nos3

Genomic Alteration: tm1Unc

Catalog Number: 3618625

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11457755](#), [PMID:15350840](#)

Organism Name: Nos3^{tm1Unc}/Nos3^{tm1Unc}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Nos3^{tm1Unc}/Nos3^{tm1Unc}.

No alerts have been found for Nos3^{tm1Unc}/Nos3^{tm1Unc}.

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.