

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 5, 2026

[Nos2^{tm1Mrl}](#)/[Nos2^{tm1Mrl}](#)

RRID:MGI:2672127

Type: Organism

Proper Citation

RRID:MGI:2672127

Organism Information

URL:

Proper Citation: RRID:MGI:2672127

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

Species: Mus musculus

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

Phenotype: abnormal immune system physiology, decreased survivor rate, increased interferon-gamma secretion, delayed wound healing, cardiovascular system phenotype, abnormal heart right ventricle pressure, abnormal trabecular bone morphology, abnormal eosinophil cell number, increased IgG2a level, increased body weight, abnormal bone healing, decreased eosinophil cell number, abnormal platelet aggregation, decreased urine prostaglandin level, abnormal macrophage physiology, decreased susceptibility to endotoxin shock, increased susceptibility to bacterial infection, premature death, abnormal homeostasis, increased inflammatory response, abnormal vitreous body morphology, abnormal induced retinal neovascularization

Affected Gene: Nos2

Genomic Alteration: tm1Mrl

Catalog Number: 2672127

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9486966](#), [PMID:10484454](#), [PMID:10788454](#), [PMID:7538909](#), [PMID:16024729](#), [PMID:9886418](#), [PMID:11254671](#), [PMID:18433298](#), [PMID:15894526](#)

Organism Name: Nos2^{tm1Mrl}/Nos2^{tm1Mrl}

Record Creation Time: 20240120T190729+0000

Record Last Update: 20240130T202056+0000

Ratings and Alerts

No rating or validation information has been found for Nos2^{tm1Mrl}/Nos2^{tm1Mrl}.

No alerts have been found for Nos2^{tm1Mrl}/Nos2^{tm1Mrl}.

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.