

Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

[Ndost1^{tm1.1Grob}/Ndost1^{tm1.1Grob}; Ndost3^{tm1.1Grob}/Ndost3^{tm1.1Grob}](#)

RRID:MGI:3806250

Type: Organism

Proper Citation

RRID:MGI:3806250

Organism Information

URL:

Proper Citation: RRID:MGI:3806250

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

Species: Mus musculus

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

Phenotype: increased hindbrain apoptosis, anophthalmia, abnormal maxillary prominence morphology, facial cleft, holoprosencephaly, lethality throughout fetal growth and development, incomplete penetrance, microphthalmia, neonatal lethality, complete penetrance, abnormal face development, frontonasal prominence hypoplasia, abnormal brain morphology, decreased fibroblast cell migration, abnormal eye morphology, abnormal forebrain morphology, abnormal viscerocranium morphology, maxillary shelf hypoplasia, absent mandible

Affected Gene: Ndost3, Ndost1

Genomic Alteration: tm1.1Grob

Catalog Number: 3806250

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18385133](#)

Organism Name: Ndst1^{tm1.1Grob}/Ndst1^{tm1.1Grob}; Ndst3^{tm1.1Grob}/Ndst3^{tm1.1Grob}

Record Creation Time: 20240120T190421+0000

Record Last Update: 20240130T201909+0000

Ratings and Alerts

No rating or validation information has been found for Ndst1^{tm1.1Grob}/Ndst1^{tm1.1Grob}; Ndst3^{tm1.1Grob}/Ndst3^{tm1.1Grob}.

No alerts have been found for Ndst1^{tm1.1Grob}/Ndst1^{tm1.1Grob}; Ndst3^{tm1.1Grob}/Ndst3^{tm1.1Grob}.

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.