

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 24, 2026

[Ndst1^{tm1.1Grob}/Ndst1^{tm1.1Grob}](#)

RRID:MGI:3589446

Type: Organism

Proper Citation

RRID:MGI:3589446

Organism Information

URL:

Proper Citation: RRID:MGI:3589446

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

Species: Mus musculus

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

Phenotype: pituitary gland hypoplasia, delayed bone ossification, iris coloboma, abnormal brain development, anophthalmia, abnormal facial morphology, absent neurocranium, abnormal forebrain development, absent mandible, abnormal cranium morphology, microphthalmia, aphakia, abnormal CNS glial cell morphology, absent facial bone, abnormal hippocampal commissure morphology, abnormal diencephalon morphology, abnormal telencephalon morphology, perinatal lethality, complete penetrance, abnormal brain commissure morphology, abnormal anterior commissure morphology, cleft upper lip, absent olfactory bulb

Affected Gene: Ndst1

Genomic Alteration: tm1.1Grob

Catalog Number: 3589446

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16020517](#)

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

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

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

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