

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

## [Ndst1<sup>tm1.1Grob</sup>/Ndst1<sup>tm1.1Grob</sup>](#)

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<sup>tm1.1Grob</sup>/Ndst1<sup>tm1.1Grob</sup>

**Record Creation Time:** 20240120T190621+0000

**Record Last Update:** 20240130T202017+0000

---

## Ratings and Alerts

No rating or validation information has been found for Ndst1<sup>tm1.1Grob</sup>/Ndst1<sup>tm1.1Grob</sup>.

No alerts have been found for Ndst1<sup>tm1.1Grob</sup>/Ndst1<sup>tm1.1Grob</sup>.

---

## 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.