

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Ndst1^{tm1.1Grob}/Ndst1⁺; Shh^{tm1Chg}/Shh⁺](#)

RRID:MGI:3589447

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3589447

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

Species: Mus musculus

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

Phenotype: abnormal maxillary prominence morphology, absent tongue, aphakia, small snout, microphthalmia, abnormal eye development, absent olfactory epithelium, mandible hypoplasia, frontonasal prominence hypoplasia

Affected Gene: Ndst1, Shh

Genomic Alteration: tm1.1Grob, tm1Chg

Catalog Number: 3589447

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⁺; Shh^{tm1Chg}/Shh⁺

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Ndst1}^{\text{tm1.1Grob}}/\text{Ndst1}^+$; $\text{Shh}^{\text{tm1Chg}}/\text{Shh}^+$.

No alerts have been found for $\text{Ndst1}^{\text{tm1.1Grob}}/\text{Ndst1}^+$; $\text{Shh}^{\text{tm1Chg}}/\text{Shh}^+$.

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.