

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[Nodal^{tm1Rob}/Nodal⁺; Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}](#)

RRID:MGI:3696946

Type: Organism

Proper Citation

RRID:MGI:3696946

Organism Information

URL:

Proper Citation: RRID:MGI:3696946

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

Species: Mus musculus

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

Phenotype: embryonic lethality, complete penetrance, decreased forebrain size, abnormal head morphology, cyclopia, abnormal gastrulation

Affected Gene: Nodal, Acvr2a

Genomic Alteration: tm1Hsch, tm1Rob

Catalog Number: 3696946

Background: involves: 129S/SvEv * 129S1/Sv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10452853](#)

Organism Name: Nodal^{tm1Rob}/Nodal⁺; Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201949+0000

Ratings and Alerts

No rating or validation information has been found for Nodal^{tm1Rob}/Nodal⁺; Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}.

No alerts have been found for Nodal^{tm1Rob}/Nodal⁺; Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}.

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.