

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[Nkx3-2^{tm1Bobh}/Nkx3-2^{tm1Bobh}; Nkx3-1^{tm1Hha}/Nkx3-1^{tm1Hha}](#)

RRID:MGI:3608887

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3608887

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

Species: Mus musculus

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

Phenotype: abnormal vertebral body morphology, kinked tail, abnormal sclerotome morphology, abnormal vertebrae development, abnormal lumbar vertebrae morphology, lethality throughout fetal growth and development, complete penetrance, abnormal cartilage development, abnormal axial skeleton morphology, abnormal rib morphology, abnormal cervical atlas morphology

Affected Gene: Nkx3-2, Nkx3-1

Genomic Alteration: tm1Hha, tm1Bobh

Catalog Number: 3608887

Background: involves: 129P2/OlaHsd * 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12204261](#)

Organism Name: Nkx3-2^{tm1Bobh}/Nkx3-2^{tm1Bobh}; Nkx3-1^{tm1Hha}/Nkx3-1^{tm1Hha}

Record Creation Time: 20240120T190614+0000

Record Last Update: 20240130T202013+0000

Ratings and Alerts

No rating or validation information has been found for Nkx3-2^{tm1Bobh}/Nkx3-2^{tm1Bobh}; Nkx3-1^{tm1Hha}/Nkx3-1^{tm1Hha}.

No alerts have been found for Nkx3-2^{tm1Bobh}/Nkx3-2^{tm1Bobh}; Nkx3-1^{tm1Hha}/Nkx3-1^{tm1Hha}.

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.