

Resource Summary Report

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

[Hmx3/Hmx2^{tm3Tlu}/Hmx3/Hmx2^{tm3Tlu}](#)

RRID:MGI:3055560

Type: Organism

Proper Citation

RRID:MGI:3055560

Organism Information

URL:

Proper Citation: RRID:MGI:3055560

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

Species: Mus musculus

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

Phenotype: abnormal hypothalamus secretion, impaired balance, small adenohypophysis, muscle spasm, small pituitary gland, utricular degeneration, decreased vestibular hair cell number, decreased circulating growth hormone level, postnatal growth retardation, absent semicircular canals, abnormal membranous labyrinth morphology, abnormal endolymphatic duct morphology, vestibular saccular degeneration, postnatal lethality, complete penetrance

Affected Gene: Hmx3

Genomic Alteration: tm3Tlu

Catalog Number: 3055560

Background: either: (involves: 129) or (involves: 129 * C57BL/6J)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:15363417](#)

Organism Name: Hmx3/Hmx2^{tm3Tlu}/Hmx3/Hmx2^{tm3Tlu}

Record Creation Time: 20240120T190649+0000

Record Last Update: 20240130T202033+0000

Ratings and Alerts

No rating or validation information has been found for Hmx3/Hmx2^{tm3Tlu}/Hmx3/Hmx2^{tm3Tlu}.

No alerts have been found for Hmx3/Hmx2^{tm3Tlu}/Hmx3/Hmx2^{tm3Tlu}.

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.