

# Resource Summary Report

Generated by [kravitz2](#) on Aug 12, 2026

[Lhx3<sup>tm1Lmgd</sup>/Lhx3<sup>tm1Lmgd</sup>; Lhx4<sup>tm1Ssp</sup>/Lhx4<sup>tm1Ssp</sup>](#)

RRID:MGI:3513431

Type: Organism

## Proper Citation

RRID:MGI:3513431

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3513431

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

**Species:** Mus musculus

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

**Phenotype:** abnormal hypoglossal nerve morphology, abnormal motor neuron morphology, abnormal abducens nerve morphology, abnormal spinal nerve morphology, perinatal lethality, complete penetrance

**Affected Gene:** Lhx4, Lhx3

**Genomic Alteration:** tm1Ssp, tm1Lmgd

**Catalog Number:** 3513431

**Background:** involves: 129S2/SvPas \* 129S4/SvJae \* CF-1

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:9865699](#)

**Organism Name:** Lhx3<sup>tm1Lmgd</sup>/Lhx3<sup>tm1Lmgd</sup>; Lhx4<sup>tm1Ssp</sup>/Lhx4<sup>tm1Ssp</sup>

**Record Creation Time:** 20240120T190644+0000

**Record Last Update:** 20240130T202030+0000

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## Ratings and Alerts

No rating or validation information has been found for Lhx3<sup>tm1Lmgd</sup>/Lhx3<sup>tm1Lmgd</sup>; Lhx4<sup>tm1Ssp</sup>/Lhx4<sup>tm1Ssp</sup>.

No alerts have been found for Lhx3<sup>tm1Lmgd</sup>/Lhx3<sup>tm1Lmgd</sup>; Lhx4<sup>tm1Ssp</sup>/Lhx4<sup>tm1Ssp</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.