

# Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Msgn1<sup>tm1Wb</sup>/Msgn1<sup>tm1Wb</sup>](#)

RRID:MGI:3512686

Type: Organism

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## Proper Citation

RRID:MGI:3512686

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3512686

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

**Species:** Mus musculus

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

**Phenotype:** kinked neural tube, decreased somite size, enlarged tail bud, absent vertebrae, increased tail bud apoptosis, incomplete caudal neuropore closure, absent ribs, abnormal cervical vertebrae morphology, absent tail, incomplete somite formation, abnormal myotome development, abnormal fetal growth/weight/body size, embryonic lethality during organogenesis, complete penetrance, absent paraxial mesoderm, cervical vertebral fusion, disorganized dorsal root ganglion, abnormal presomitic mesoderm morphology

**Affected Gene:** Msgn1

**Genomic Alteration:** tm1Wb

**Catalog Number:** 3512686

**Background:** involves: 129S1/Sv \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:11124811](#)

**Organism Name:** Msgn1<sup>tm1Wb</sup>/Msgn1<sup>tm1Wb</sup>

**Record Creation Time:** 20240120T190645+0000

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

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## Ratings and Alerts

No rating or validation information has been found for Msgn1<sup>tm1Wb</sup>/Msgn1<sup>tm1Wb</sup>.

No alerts have been found for Msgn1<sup>tm1Wb</sup>/Msgn1<sup>tm1Wb</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.