

# Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

[Msx1<sup>tm1Bero</sup>/Msx1<sup>tm1Bero</sup>](#); [Dlx5<sup>tm1Levi</sup>/Dlx5<sup>tm1Levi</sup>](#)

RRID:MGI:3702326

Type: Organism

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## Proper Citation

RRID:MGI:3702326

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3702326

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

**Species:** Mus musculus

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

**Phenotype:** neonatal lethality, complete penetrance, absent molars, absent malleus head, absent mandibular coronoid process, cleft secondary palate, palatal shelves fail to meet at midline, micrognathia, abnormal malleus morphology, abnormal neurocranium morphology, abnormal fontanelle morphology, delayed bone ossification, abnormal otic capsule morphology, abnormal temporal bone squamous part morphology, abnormal alisphenoid bone morphology, abnormal basioccipital bone morphology, abnormal basisphenoid bone morphology, abnormal pterygoid bone morphology, absent alveolar process, abnormal nasal capsule morphology

**Affected Gene:** Msx1, Dlx5

**Genomic Alteration:** tm1Levi, tm1Bero

**Catalog Number:** 3702326

**Background:** involves: 129P2/OlaHsd \* C57BL/6 \* DBA/2

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16330189](#)

**Organism Name:** Msx1<sup>tm1Bero</sup>/Msx1<sup>tm1Bero</sup>; Dlx5<sup>tm1Levi</sup>/Dlx5<sup>tm1Levi</sup>

**Record Creation Time:** 20240120T190528+0000

**Record Last Update:** 20240130T201946+0000

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## Ratings and Alerts

No rating or validation information has been found for Msx1<sup>tm1Bero</sup>/Msx1<sup>tm1Bero</sup>; Dlx5<sup>tm1Levi</sup>/Dlx5<sup>tm1Levi</sup>.

No alerts have been found for Msx1<sup>tm1Bero</sup>/Msx1<sup>tm1Bero</sup>; Dlx5<sup>tm1Levi</sup>/Dlx5<sup>tm1Levi</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.