

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Msx1^{tm1Bero}/Msx1^{tm1Bero}](#); [Dlx5^{tm1Levi}/Dlx5^{tm1Levi}](#)

RRID:MGI:3702326

Type: Organism

Proper Citation

RRID:MGI:3702326

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^{tm1Bero}/Msx1^{tm1Bero}; Dlx5^{tm1Levi}/Dlx5^{tm1Levi}

Record Creation Time: 20240120T190528+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for Msx1^{tm1Bero}/Msx1^{tm1Bero}; Dlx5^{tm1Levi}/Dlx5^{tm1Levi}.

No alerts have been found for Msx1^{tm1Bero}/Msx1^{tm1Bero}; Dlx5^{tm1Levi}/Dlx5^{tm1Levi}.

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.