

# Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Hoxa1<sup>tm2Mrc</sup>/Hoxa1<sup>+</sup>](#); [Hoxa2<sup>tm1Mrc</sup>/Hoxa2<sup>tm1Mrc</sup>](#)

RRID:MGI:3043810

Type: Organism

## Proper Citation

RRID:MGI:3043810

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3043810

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

**Species:** Mus musculus

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

**Phenotype:** abnormal suckling behavior, neonatal lethality, complete penetrance, cleft secondary palate

**Affected Gene:** Hoxa2, Hoxa1

**Genomic Alteration:** tm1Mrc, tm2Mrc

**Catalog Number:** 3043810

**Background:** involves: 129S1/Sv \* 129X1/SvJ

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:10529419](#)

**Organism Name:** Hoxa1<sup>tm2Mrc</sup>/Hoxa1<sup>+</sup>; Hoxa2<sup>tm1Mrc</sup>/Hoxa2<sup>tm1Mrc</sup>

**Record Creation Time:** 20240120T190659+0000

**Record Last Update:** 20240130T202039+0000

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## Ratings and Alerts

No rating or validation information has been found for Hoxa1<sup>tm2Mrc</sup>/Hoxa1<sup>+</sup>; Hoxa2<sup>tm1Mrc</sup>/Hoxa2<sup>tm1Mrc</sup>.

No alerts have been found for Hoxa1<sup>tm2Mrc</sup>/Hoxa1<sup>+</sup>; Hoxa2<sup>tm1Mrc</sup>/Hoxa2<sup>tm1Mrc</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.