

# Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[Hoxa1<sup>tm3.1Mrc</sup>/Hoxa1<sup>tm4\(Hoxb1\)Mrc</sup>; Hoxb1<sup>tm5Mrc</sup>/Hoxb1<sup>tm8\(Hoxa1\)Mrc</sup>](#)

RRID:MGI:3703012

Type: Organism

## Proper Citation

RRID:MGI:3703012

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3703012

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

**Species:** Mus musculus

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

**Phenotype:** facial paralysis, abnormal blinking

**Affected Gene:** Hoxb1, Hoxa1

**Genomic Alteration:** tm5Mrc, tm3.1Mrc, tm4(Hoxb1)Mrc, tm8(Hoxa1)Mrc

**Catalog Number:** 3703012

**Background:** involves: 129S1/Sv \* 129X1/SvJ \* BALB/cJ \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16890163](#)

**Organism Name:** Hoxa1<sup>tm3.1Mrc</sup>/Hoxa1<sup>tm4(Hoxb1)Mrc</sup>; Hoxb1<sup>tm5Mrc</sup>/Hoxb1<sup>tm8(Hoxa1)Mrc</sup>

**Record Creation Time:** 20240120T190527+0000

**Record Last Update:** 20240130T201945+0000

---

## Ratings and Alerts

No rating or validation information has been found for Hoxa1<sup>tm3.1Mrc</sup>/Hoxa1<sup>tm4</sup>(Hoxb1)Mrc; Hoxb1<sup>tm5Mrc</sup>/Hoxb1<sup>tm8</sup>(Hoxa1)Mrc.

No alerts have been found for Hoxa1<sup>tm3.1Mrc</sup>/Hoxa1<sup>tm4</sup>(Hoxb1)Mrc; Hoxb1<sup>tm5Mrc</sup>/Hoxb1<sup>tm8</sup>(Hoxa1)Mrc.

---

## 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.