

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}; Hoxb1^{tm3Mrc}/Hoxb1⁺](#)

RRID:MGI:3773292

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3773292

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

Species: Mus musculus

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

Phenotype: abnormal neuron differentiation, abnormal rhombomere morphology, absent parathyroid glands, absent second pharyngeal arch, small thymus, abnormal pharyngeal pouch morphology, abnormal neural crest cell migration

Affected Gene: Hoxb1, Hoxa1

Genomic Alteration: tm3.1Mrc, tm3Mrc

Catalog Number: 3773292

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:10529420](#)

Organism Name: Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}; Hoxb1^{tm3Mrc}/Hoxb1⁺

Record Creation Time: 20240120T190446+0000

Record Last Update: 20240130T201923+0000

Ratings and Alerts

No rating or validation information has been found for $Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}$; $Hoxb1^{tm3Mrc}/Hoxb1^{+}$.

No alerts have been found for $Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}$; $Hoxb1^{tm3Mrc}/Hoxb1^{+}$.

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.