

Resource Summary Report

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

[Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}](#)

RRID:MGI:3773293

Type: Organism

Proper Citation

RRID:MGI:3773293

Organism Information

URL:

Proper Citation: RRID:MGI:3773293

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

Species: Mus musculus

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

Phenotype: increased hindbrain apoptosis, small second pharyngeal arch, right aortic arch, retroesophageal right subclavian artery, parathyroid hypoplasia, thymus hypoplasia, overriding aortic valve, interrupted aortic arch, heart right ventricle hypertrophy, perinatal lethality, complete penetrance, bicuspid aortic valve, ventricular septal defect, absent parathyroid glands, abnormal cardiac outflow tract development, abnormal internal carotid artery morphology, abnormal cardiovascular system morphology, abnormal aortic arch morphology, abnormal gland morphology, abnormal external carotid artery morphology

Affected Gene: Hoxa1

Genomic Alteration: tm3.1Mrc

Catalog Number: 3773293

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](#), [PMID:21940751](#)

Organism Name: Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}

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}.

No alerts have been found for Hoxa1^{tm3.1Mrc}/Hoxa1^{tm3.1Mrc}.

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.