

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Six1^{tm1Mair}/Six1^{tm1Mair}](#)

RRID:MGI:2655196

Type: Organism

Proper Citation

RRID:MGI:2655196

Organism Information

URL:

Proper Citation: RRID:MGI:2655196

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

Species: Mus musculus

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

Phenotype: abnormal intercostal muscle morphology, abnormal muscle fiber morphology, rib fusion, abnormal genioglossus muscle morphology, abnormal sternum ossification, abnormal hypaxial muscle morphology, abnormal rib morphology, abnormal sternocostal joint morphology, decreased skeletal muscle mass, decreased tongue size, perinatal lethality, complete penetrance, rib bifurcation, abnormal myogenesis, muscle hypoplasia, thin diaphragm muscle, abnormal xiphoid process morphology

Affected Gene: Six1

Genomic Alteration: tm1Mair

Catalog Number: 2655196

Background: either: (involves: 129/Sv) or (involves: 129/Sv * C57BL/6)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12668636](#)

Organism Name: Six1^{tm1Mair}/Six1^{tm1Mair}

Record Creation Time: 20240120T190739+0000

Record Last Update: 20240130T202102+0000

Ratings and Alerts

No rating or validation information has been found for Six1^{tm1Mair}/Six1^{tm1Mair}.

No alerts have been found for Six1^{tm1Mair}/Six1^{tm1Mair}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Zhang H, et al. (2017) An Eya1-Notch axis specifies bipotential epibranchial differentiation in mammalian craniofacial morphogenesis. eLife, 6.