

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[Pitx2^{tm3.1Jfm}/Pitx2^{tm3.1Jfm}](#)

RRID:MGI:3054744

Type: Organism

Proper Citation

RRID:MGI:3054744

Organism Information

URL:

Proper Citation: RRID:MGI:3054744

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

Species: Mus musculus

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

Phenotype: small spleen, right aortic arch, right pulmonary isomerism, situs inversus, double outlet right ventricle, ventricular septal defect, craniofacial phenotype

Affected Gene: Pitx2

Genomic Alteration: tm3.1Jfm

Catalog Number: 3054744

Background: involves: 129S4/SvJaeSor

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14623826](#), [PMID:15475956](#)

Organism Name: Pitx2^{tm3.1Jfm}/Pitx2^{tm3.1Jfm}

Record Creation Time: 20240120T190650+0000

Record Last Update: 20240130T202033+0000

Ratings and Alerts

No rating or validation information has been found for Pitx2^{tm3.1Jfm}/Pitx2^{tm3.1Jfm}.

No alerts have been found for Pitx2^{tm3.1Jfm}/Pitx2^{tm3.1Jfm}.

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](#) .

Charoy C, et al. (2017) Genetic specification of left-right asymmetry in the diaphragm muscles and their motor innervation. eLife, 6.