

# Resource Summary Report

Generated by [Kravitz](#) on Sep 18, 2026

## [Pitx2<sup>tm3.1Jfm</sup>/Pitx2<sup>tm3.1Jfm</sup>](#)

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<sup>tm3.1Jfm</sup>/Pitx2<sup>tm3.1Jfm</sup>

**Record Creation Time:** 20240120T190650+0000

**Record Last Update:** 20240130T202033+0000

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## Ratings and Alerts

No rating or validation information has been found for Pitx2<sup>tm3.1Jfm</sup>/Pitx2<sup>tm3.1Jfm</sup>.

No alerts have been found for Pitx2<sup>tm3.1Jfm</sup>/Pitx2<sup>tm3.1Jfm</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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