

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

[Pitx2^{tm1Rsd}/Pitx2^{tm1Rsd}](#)

RRID:MGI:3622905

Type: Organism

Proper Citation

RRID:MGI:3622905

Organism Information

URL:

Proper Citation: RRID:MGI:3622905

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

Species: Mus musculus

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

Phenotype: incomplete embryo turning, abnormal periorbital region morphology, abnormal spleen morphology, abnormal pituitary gland development, dextrocardia, abnormal developmental patterning, abnormal extraocular muscle morphology, abnormal ventral body wall morphology, arrest of tooth development, ventricular hypoplasia, common atrium, embryonic lethality during organogenesis, incomplete penetrance, abnormal facial muscle morphology, lethality throughout fetal growth and development, complete penetrance, lordosis, pituitary gland hypoplasia, thoracoabdominoschisis, right pulmonary isomerism, abnormal embryonic tissue morphology, abnormal stomach position or orientation, abnormal mandible morphology, abnormal liver morphology, abnormal lens morphology, axial mesoderm hypoplasia

Affected Gene: Pitx2

Genomic Alteration: tm1Rsd

Catalog Number: 3622905

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:10499586](#)

Organism Name: Pitx2^{tm1Rsd}/Pitx2^{tm1Rsd}

Record Creation Time: 20240120T190600+0000

Record Last Update: 20240130T202005+0000

Ratings and Alerts

No rating or validation information has been found for Pitx2^{tm1Rsd}/Pitx2^{tm1Rsd}.

No alerts have been found for Pitx2^{tm1Rsd}/Pitx2^{tm1Rsd}.

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.