

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

[Pitx1^{tm1Rsd}](#)/[Pitx1^{tm1Rsd}](#)

RRID:MGI:3847350

Type: Organism

Proper Citation

RRID:MGI:3847350

Organism Information

URL:

Proper Citation: RRID:MGI:3847350

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, short mandible, small mandible, decreased tongue size, embryonic lethality during organogenesis, incomplete penetrance, abnormal fibula morphology, abnormal hindlimb morphology, absent submandibular gland, absent patella, abnormal tarsal bone morphology, abnormal femur morphology, decreased thyrotroph cell number, abnormal pituitary gland morphology, abnormal pelvic girdle bone morphology, decreased gonadotroph cell number, cleft palate, abnormal tibia morphology, brachydactyly

Affected Gene: Pitx1

Genomic Alteration: tm1Rsd

Catalog Number: 3847350

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10049363](#)

Organism Name: Pitx1^{tm1Rsd}/Pitx1^{tm1Rsd}

Record Creation Time: 20240120T190337+0000

Record Last Update: 20240130T201843+0000

Ratings and Alerts

No rating or validation information has been found for Pitx1^{tm1Rsd}/Pitx1^{tm1Rsd}.

No alerts have been found for Pitx1^{tm1Rsd}/Pitx1^{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.