

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Prrx1^{tm1Tex}/Prrx1^{tm1Tex}](#)

RRID:MGI:3687153

Type: Organism

Proper Citation

RRID:MGI:3687153

Organism Information

URL:

Proper Citation: RRID:MGI:3687153

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

Species: *Mus musculus*

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

Phenotype: abnormal pulmonary trunk morphology, absent gonial bone, neonatal lethality, complete penetrance, pointed snout, bowed radius, pterygoid bone hypoplasia, abnormal fetal ductus arteriosus morphology, short fibula, spina bifida, abnormal stapes morphology, absent supraoccipital bone, absent temporomandibular joint, abnormal incudostapedial joint morphology, distended abdomen, microcephaly, absent temporal bone squamous part, absent stapes obturator foramen, abnormal malleus morphology, abnormal tibia morphology, short ulna, abnormal malleus manubrium morphology, short malleus manubrium, abnormal cartilage morphology, abnormal malleus processus brevis morphology, abnormal stapes crus morphology, maxillary shelf hypoplasia, cleft secondary palate, respiratory distress, alisphenoid bone hypoplasia, abnormal Meckel's cartilage morphology, lowered ear position, mandible hypoplasia, cyanosis, short tibia, abnormal Meckel's cartilage morphology, abnormal metacarpal bone morphology, abnormal hindlimb zeugopod morphology, abnormal forelimb zeugopod morphology, spina bifida, abnormal vertebrae morphology, short radius, absent zygomatic bone, abnormal middle ear ossicle morphology, absent temporal bone squamous part, absent zygomatic bone, abnormal aortic arch morphology, abnormal artery morphology, absent alisphenoid bone, bowed tibia, abnormal mandible morphology, absent tympanic ring, abnormal palatal shelf fusion at midline, cleft secondary palate, aphagia, absent palatine bone horizontal plate, abnormal incus morphology, abnormal long bone morphology, delayed bone ossification, abnormal thoracic vertebrae morphology, absent maxillary shelf, small otic capsule, neonatal lethality, complete penetrance, abnormal stylohyoid ligament morphology, neonatal lethality, complete penetrance, maxillary shelf hypoplasia, abnormal malleus

morphology

Affected Gene: Prrx1

Genomic Alteration: tm1Tex

Catalog Number: 3687153

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:9876178](#), [PMID:10664157](#), [PMID:9729491](#), [PMID:7758948](#)

Organism Name: Prrx1^{tm1Tex}/Prrx1^{tm1Tex}

Record Creation Time: 20240120T190544+0000

Record Last Update: 20240130T201955+0000

Ratings and Alerts

No rating or validation information has been found for Prrx1^{tm1Tex}/Prrx1^{tm1Tex}.

No alerts have been found for Prrx1^{tm1Tex}/Prrx1^{tm1Tex}.

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.