

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

[Tbx1^{tm1Pa}/Tbx1^{tm1Pa}](#)

RRID:MGI:3586912

Type: Organism

Proper Citation

RRID:MGI:3586912

Organism Information

URL:

Proper Citation: RRID:MGI:3586912

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

Species: Mus musculus

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

Phenotype: abnormal cranium morphology, absent second pharyngeal arch, abnormal middle ear ossicle morphology, abnormal tympanic ring morphology, abnormal ear shape, abnormal upper incisor morphology, short neck, abnormal thymus development, neonatal lethality, complete penetrance, athymia, decreased embryo size, respiratory failure, hydrops fetalis, abnormal pharyngeal pouch morphology, pharynx stenosis, absent parathyroid glands, abnormal zygomatic arch morphology, small thyroid cartilage, absent mandibular coronoid process, fusion of basioccipital and basisphenoid bone, small otic vesicle, abnormal fourth pharyngeal arch morphology, abnormal third pharyngeal arch morphology, double aortic arch, absent arcus anterior, cleft secondary palate, abnormal cervical atlas morphology, short mandible, small cricoid cartilage, persistent truncus arteriosus, abnormal palatal shelf fusion at midline, micrognathia, absent outer ear, right aortic arch, abnormal pharyngeal arch artery morphology, abnormal pharyngeal arch morphology, abnormal facial morphology, lowered ear position, abnormal temporal bone morphology, abnormal semicircular canal morphology, absent upper incisors

Affected Gene: Tbx1

Genomic Alteration: tm1Pa

Catalog Number: 3586912

Background: either: (involves: 129) or (involves: 129 * C57BL/6) or (involves: 129 * C57BL/6 * Swiss Webster)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11242110](#)

Organism Name: Tbx1^{tm1Pa}/Tbx1^{tm1Pa}

Record Creation Time: 20240120T190623+0000

Record Last Update: 20240130T202019+0000

Ratings and Alerts

No rating or validation information has been found for Tbx1^{tm1Pa}/Tbx1^{tm1Pa}.

No alerts have been found for Tbx1^{tm1Pa}/Tbx1^{tm1Pa}.

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.