

# Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

## [Tbx1<sup>tm1Pa</sup>/Tbx1<sup>tm1Pa</sup>](#)

RRID:MGI:3586919

Type: Organism

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### Proper Citation

RRID:MGI:3586919

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3586919

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

**Species:** Mus musculus

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

**Phenotype:** abnormal facial nerve morphology, small otic vesicle, thin malleus neck, dilated endolymphatic duct, absent cochlea, decreased tympanic ring size, absent inner ear vestibule, malleus hypoplasia, abnormal otic capsule morphology, abnormal middle ear morphology, abnormal incus morphology, abnormal pharyngeal arch morphology, abnormal trigeminal nerve morphology, abnormal vestibulocochlear nerve morphology, absent third pharyngeal arch, absent second pharyngeal arch, absent stapes, abnormal malleus morphology, abnormal thyroid cartilage morphology, abnormal neural crest cell migration, abnormal hyoid bone morphology, abnormal external auditory canal morphology, inner ear hypoplasia

**Affected Gene:** Tbx1

**Genomic Alteration:** tm1Pa

**Catalog Number:** 3586919

**Background:** involves: 129 \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15652707](#)

**Organism Name:** Tbx1<sup>tm1Pa</sup>/Tbx1<sup>tm1Pa</sup>

**Record Creation Time:** 20240120T190623+0000

**Record Last Update:** 20240130T202019+0000

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## Ratings and Alerts

No rating or validation information has been found for Tbx1<sup>tm1Pa</sup>/Tbx1<sup>tm1Pa</sup>.

No alerts have been found for Tbx1<sup>tm1Pa</sup>/Tbx1<sup>tm1Pa</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 have not found any literature mentions for this resource.