

# Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

## STOCK *Tbx4*<sup>tm1.1Pa</sup>/Mmjax

RRID:MMRRC\_043811-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_043811-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=43811](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43811)

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**Description:** Mus musculus with name STOCK *Tbx4*<sup>tm1.1Pa</sup>/Mmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Cardiovascular, Developmental Biology, Models for Human Disease; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** distended pericardium [MP:0000292]| abnormal vascular regression [MP:0000364]| abnormal hindlimb morphology [MP:0000556]| abnormal allantois morphology [MP:0001726]| pericardial edema [MP:0001787]| hemorrhage [MP:0001914]| brachydactyly [MP:0002544]| short fibula [MP:0002765]| short femur [MP:0003109]| abnormal umbilical artery morphology [MP:0003230]| increased allantois apoptosis [MP:0003891]| abnormal ischium morphology [MP:0004507]| abnormal pelvic girdle bone morphology [MP:0004509]| delayed allantois development [MP:0004558]| small allantois [MP:0004559]| fused phalanges [MP:0008730]| fused tarsal bones [MP:0008919]| delayed chorioallantoic fusion [MP:0009656]| failure of chorioallantoic fusion [MP:0009657]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0012134]| absent umbilical cord [MP:0013169]

**Affected Gene:** *Tbx4*

**Catalog Number:** 043811-JAX

**Background:** Targeted Mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_43811-JAX, MMRRC\_043811, MMRRC\_43811

**Organism Name:** STOCK *Tbx4<sup>tm1.1Pa</sup>*/Mmjax

**Record Creation Time:** 20230308T055235+0000

**Record Last Update:** 20260801T124602+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK *Tbx4<sup>tm1.1Pa</sup>*/Mmjax.

No alerts have been found for STOCK *Tbx4<sup>tm1.1Pa</sup>*/Mmjax.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.