

# Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

## [Timp3<sup>tm1Rkho</sup>](#)/[Timp3<sup>tm1Rkho</sup>](#)

RRID:MGI:3056103

Type: Organism

### Proper Citation

RRID:MGI:3056103

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3056103

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

**Species:** Mus musculus

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

**Phenotype:** dilated heart left ventricle, impaired lung alveolus development, dilated terminal bronchiole tubes, abnormal heart morphology, abnormal cardiac muscle relaxation, abnormal branching involved in terminal bronchiole morphogenesis, cardiac hypertrophy, overexpanded pulmonary alveoli, increased hepatocyte apoptosis, increased tumor necrosis factor secretion, liver inflammation, mortality/aging, increased sensitivity to induced morbidity/mortality, hepatic necrosis, decreased liver regeneration, respiratory system phenotype, abnormal liver lobule morphology, abnormal pulmonary alveolus wall morphology, impaired lung alveolus development, decreased body weight, decreased left ventricle developed pressure, decreased left ventricle systolic pressure, respiratory system phenotype, decreased ventricle muscle contractility, dilated cardiomyopathy, mortality/aging

**Affected Gene:** Timp3

**Genomic Alteration:** tm1Rkho

**Catalog Number:** 3056103

**Background:** B6.129-Timp3

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:14499643](#), [PMID:15322543](#), [PMID:19128402](#), [PMID:15262835](#)

**Organism Name:** Timp3<sup>tm1Rkho</sup>/Timp3<sup>tm1Rkho</sup>

**Record Creation Time:** 20240120T190648+0000

**Record Last Update:** 20240130T202033+0000

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## Ratings and Alerts

No rating or validation information has been found for Timp3<sup>tm1Rkho</sup>/Timp3<sup>tm1Rkho</sup>.

No alerts have been found for Timp3<sup>tm1Rkho</sup>/Timp3<sup>tm1Rkho</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.