

# Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

## [Tpt1<sup>tm1.1Yen</sup>/Tpt1<sup>tm1.1Yen</sup>](#)

RRID:MGI:3764990

Type: Organism

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### Proper Citation

RRID:MGI:3764990

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3764990

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

**Species:** Mus musculus

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

**Phenotype:** increased embryonic epiblast cell apoptosis, abnormal mesoderm development, failure of chorioallantoic fusion, decreased embryonic epiblast cell proliferation, abnormal primitive streak formation, decreased embryo size, embryonic lethality between somite formation and embryo turning, complete penetrance, abnormal endoderm development

**Affected Gene:** Tpt1

**Genomic Alteration:** tm1.1Yen

**Catalog Number:** 3764990

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:17475776](#)

**Organism Name:** Tpt1<sup>tm1.1Yen</sup>/Tpt1<sup>tm1.1Yen</sup>

**Record Creation Time:** 20240120T190454+0000

**Record Last Update:** 20240130T201927+0000

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## Ratings and Alerts

No rating or validation information has been found for Tpt1<sup>tm1.1Yen</sup>/Tpt1<sup>tm1.1Yen</sup>.

No alerts have been found for Tpt1<sup>tm1.1Yen</sup>/Tpt1<sup>tm1.1Yen</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.