

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

[Ptp4a2<sup>Gt\(AQ0673\)</sup>Wtsi](#)/[Ptp4a2<sup>Gt\(AQ0673\)</sup>Wtsi](#)

RRID:MGI:5449045

Type: Organism

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## Proper Citation

RRID:MGI:5449045

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5449045

**Description:** Allele Detail: Gene trapped This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Gene trapped This is a legacy resource.

**Phenotype:** abnormal seminiferous tubule morphology, abnormal testis morphology, decreased testis weight, increased male germ cell apoptosis, oligozoospermia, preweaning lethality, incomplete penetrance, reproductive system phenotype, slow postnatal weight gain, decreased spongiotrophoblast size, decreased trophoblast glycogen cell number, decreased fetal weight, decreased cell proliferation, decreased spleen weight, decreased testis weight, decreased body weight, decreased birth weight, postnatal growth retardation, decreased placental labyrinth size, decreased birth body size, abnormal maternal decidual layer morphology, decreased placenta weight, small seminiferous tubules, small testis, teratozoospermia, abnormal cauda epididymis morphology

**Affected Gene:** Ptp4a2

**Genomic Alteration:** Gt(AQ0673)Wtsi

**Catalog Number:** 5449045

**Background:** involves: 129P2/OlaHsd \* C57BL/6

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:27666520](#), [PMID:22791713](#)

**Organism Name:** Ptp4a2<sup>Gt(AQ0673)Wtsi</sup>/Ptp4a2<sup>Gt(AQ0673)Wtsi</sup>

**Record Creation Time:** 20240120T190130+0000

**Record Last Update:** 20240130T201730+0000

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## Ratings and Alerts

No rating or validation information has been found for Ptp4a2<sup>Gt(AQ0673)Wtsi</sup>/Ptp4a2<sup>Gt(AQ0673)Wtsi</sup>.

No alerts have been found for Ptp4a2<sup>Gt(AQ0673)Wtsi</sup>/Ptp4a2<sup>Gt(AQ0673)Wtsi</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.