

# Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

## [Pikfyve](#)[Gt\(AT0926\)Wtsi](#)/[Pikfyve](#)[Gt\(AT0926\)Wtsi](#)

RRID:MGI:5450833

Type: Organism

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### Proper Citation

RRID:MGI:5450833

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### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5450833

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

**Species:** Mus musculus

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

**Phenotype:** small heart, abnormal ventricle myocardium morphology, abnormal superior vena cava morphology, abnormal pulmonary alveolar system morphology, brain vacuoles, abnormal spinal cord morphology, abnormal midbrain morphology, abnormal pons morphology, postnatal lethality, complete penetrance, abnormal brain morphology, abnormal heart morphology, kidney degeneration, abnormal lipid level, thymus hypoplasia, spleen hypoplasia, pulmonary vascular congestion, perinatal lethality, incomplete penetrance, abnormal cerebellum deep nucleus morphology, abnormal locomotor behavior, abnormal neuron morphology, decreased birth body size, decreased body weight, decreased brain weight, abnormal atrium myocardium morphology, abnormal brainstem morphology, dilated heart right ventricle, abnormal thymus morphology, abnormal dorsal root ganglion morphology, abnormal embryonic/fetal subventricular zone morphology, abnormal spleen morphology, abnormal renal tubule morphology, enlarged heart right atrium

**Affected Gene:** Pikfyve

**Genomic Alteration:** Gt(AT0926)Wtsi

**Catalog Number:** 5450833

**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:23047693](#)

**Organism Name:** Pikfyve<sup>Gt(AT0926)Wtsi</sup>/Pikfyve<sup>Gt(AT0926)Wtsi</sup>

**Record Creation Time:** 20240120T190129+0000

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

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## Ratings and Alerts

No rating or validation information has been found for Pikfyve<sup>Gt(AT0926)Wtsi</sup>/Pikfyve<sup>Gt(AT0926)Wtsi</sup>.

No alerts have been found for Pikfyve<sup>Gt(AT0926)Wtsi</sup>/Pikfyve<sup>Gt(AT0926)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.