

# Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Whrn<sup>wi</sup>](#)/[Whrn<sup>wi</sup>](#)

RRID:MGI:3036713

Type: Organism

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## Proper Citation

RRID:MGI:3036713

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3036713

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

**Species:** Mus musculus

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

**Phenotype:** decreased circulating glucose level, increased kidney weight, abnormal maternal nurturing, impaired swimming, decreased body weight, abnormal cochlear outer hair cell morphology, short inner hair cell stereocilia, abnormal outer hair cell stereociliary bundle morphology, abnormal cochlear hair cell stereociliary bundle morphology, short inner hair cell stereocilia, cochlear hair cell degeneration, cochlear outer hair cell degeneration, circling, cochlear outer hair cell degeneration, abnormal outer hair cell stereociliary bundle morphology, cochlear inner hair cell degeneration, cochlear inner hair cell degeneration, abnormal cochlear inner hair cell morphology, head bobbing, deafness, increased oxygen consumption, deafness, abnormal outer hair cell stereociliary bundle morphology, decreased outer hair cell stereocilia number, enlarged adrenal glands, short inner hair cell stereocilia, decreased thymus weight, circling, decreased body weight, hyperactivity, decreased uterus weight, increased liver weight, deafness, circling, increased oxygen consumption, increased circulating corticosterone level, head bobbing, enlarged adrenal glands, impaired righting response, decreased body weight, abnormal outer hair cell stereociliary bundle morphology, decreased total body fat amount, decreased leukocyte cell number, decreased glycogen level, head tossing, decreased seminal vesicle weight, increased heart weight, abnormal gait, short outer hair cell stereocilia, head tossing

**Affected Gene:** Whrn

**Genomic Alteration:** wi

**Catalog Number:** 3036713

**Background:** involves: C57BL/6J \* STOCK a Tyrp1 **Myo5a Oca2**

Ednrb

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:5538400](#), [PMID:6034501](#), [PMID:20332152](#), [PMID:14098314](#), [PMID:17326148](#), [PMID:12124769](#)

**Organism Name:** Whrn<sup>Wi</sup>/Whrn<sup>Wi</sup>

**Record Creation Time:** 20240120T190707+0000

**Record Last Update:** 20240130T202044+0000

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## Ratings and Alerts

No rating or validation information has been found for Whrn<sup>Wi</sup>/Whrn<sup>Wi</sup>.

No alerts have been found for Whrn<sup>Wi</sup>/Whrn<sup>Wi</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.