

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[Mitf<sup>Mi</sup>/Mitf<sup>Mi</sup>](#)

RRID:MGI:3513118

Type: Organism

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## Proper Citation

RRID:MGI:3513118

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3513118

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

**Species:** Mus musculus

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

**Phenotype:** abnormal retinal neuronal layer morphology, abnormal optic stalk morphology, abnormal eye development, abnormal cochlear hair cell morphology, decreased eye pigmentation, microphthalmia, decreased mast cell number, abnormal retinal pigmentation, absent optic nerve, abnormal optic cup morphology, coloboma, increased osteoclast cell number, abnormal vestibular sacculle morphology, absent coat pigmentation, decreased survivor rate, abnormal skeleton morphology, eyelids fail to open, microphthalmia, abnormal stria vascularis morphology, absent coat pigmentation, abnormal scala media morphology, abnormal ciliary body morphology, abnormal cochlea morphology, failure of tooth eruption, abnormal posterior eye segment morphology, abnormal osteoclast morphology, osteopetrosis, postnatal lethality, microphthalmia, abnormal optic choroid morphology, abnormal retinal pigment epithelium morphology

**Affected Gene:** Mitf

**Genomic Alteration:** Mi

**Catalog Number:** 3513118

**Background:** Not Specified

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:4392283](#), [PMID:4963367](#), [PMID:6127714](#)

**Organism Name:** Mitf<sup>Mi</sup>/Mitf<sup>Mi</sup>

**Record Creation Time:** 20240120T190645+0000

**Record Last Update:** 20240130T202030+0000

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## Ratings and Alerts

No rating or validation information has been found for Mitf<sup>Mi</sup>/Mitf<sup>Mi</sup>.

No alerts have been found for Mitf<sup>Mi</sup>/Mitf<sup>Mi</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.