

# Resource Summary Report

Generated by [ASWG](#) on Aug 21, 2026

[Opn4<sup>tm2\(DTA\)Yau</sup>/Opn4<sup>tm2\(DTA\)Yau</sup>](#)

RRID:MGI:3797740

Type: Organism

## Proper Citation

RRID:MGI:3797740

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3797740

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

**Species:** Mus musculus

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

**Phenotype:** abnormal circadian behavior phase, abnormal suprachiasmatic nucleus morphology, abnormal locomotor circadian rhythm, abnormal visual pursuit, impaired pupillary reflex, abnormal circadian behavior entrainment, prolonged circadian behavior period, abnormal retinal ganglion cell morphology

**Affected Gene:** Opn4

**Genomic Alteration:** tm2(DTA)Yau

**Catalog Number:** 3797740

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

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:18432195](#)

**Organism Name:** Opn4<sup>tm2(DTA)Yau</sup>/Opn4<sup>tm2(DTA)Yau</sup>

**Record Creation Time:** 20240120T190431+0000

**Record Last Update:** 20240130T201914+0000

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## Ratings and Alerts

No rating or validation information has been found for `Opn4tm2(DTA)Yau/Opn4tm2(DTA)Yau`.

No alerts have been found for `Opn4tm2(DTA)Yau/Opn4tm2(DTA)Yau`.

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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.