

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

[Opn4^{tm2\(DTA\)Yau}/Opn4^{tm2\(DTA\)Yau}](#)

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^{tm2(DTA)Yau}/Opn4^{tm2(DTA)Yau}

Record Creation Time: 20240120T190431+0000

Record Last Update: 20240130T201914+0000

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`.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.