

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Opn4^{tm2\(DTA\)Yau}/Opn4⁺](#)

RRID:MGI:3797741

Type: Organism

Proper Citation

RRID:MGI:3797741

Organism Information

URL:

Proper Citation: RRID:MGI:3797741

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

Species: Mus musculus

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

Phenotype: impaired pupillary reflex, abnormal retinal ganglion cell morphology

Affected Gene: Opn4

Genomic Alteration: tm2(DTA)Yau

Catalog Number: 3797741

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⁺

Record Creation Time: 20240120T190431+0000

Record Last Update: 20240130T201914+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Opn4}^{\text{tm2(DTA)Yau/Opn4}^+}$.

No alerts have been found for $\text{Opn4}^{\text{tm2(DTA)Yau/Opn4}^+}$.

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.