

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

[Opn4^{tm1Yau}/Opn4⁺](#)

RRID:MGI:6192520

Type: Organism

Proper Citation

RRID:MGI:6192520

Organism Information

URL:

Proper Citation: RRID:MGI:6192520

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

Species: Mus musculus

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

Affected Gene: Opn4

Genomic Alteration: tm1Yau

Catalog Number: 6192520

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: Opn4^{tm1Yau}/Opn4⁺

Record Creation Time: 20240120T185812+0000

Record Last Update: 20240130T201531+0000

Ratings and Alerts

No rating or validation information has been found for Opn4^{tm1Yau}/Opn4⁺.

No alerts have been found for Opn4^{tm1Yau}/Opn4⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Lee SK, et al. (2019) M1 Intrinsically Photosensitive Retinal Ganglion Cells Integrate Rod and Melanopsin Inputs to Signal in Low Light. Cell reports, 29(11), 3349.