

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[Opn4^{tm1Ruby}/Opn4^{tm1Ruby}](#)

RRID:MGI:2450996

Type: Organism

Proper Citation

RRID:MGI:2450996

Organism Information

URL:

Proper Citation: RRID:MGI:2450996

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

Affected Gene: Opn4

Genomic Alteration: tm1Ruby

Catalog Number: 2450996

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12481140](#)

Organism Name: Opn4^{tm1Ruby}/Opn4^{tm1Ruby}

Record Creation Time: 20240120T190744+0000

Record Last Update: 20240130T202105+0000

Ratings and Alerts

No rating or validation information has been found for Opn4^{tm1Ruby}/Opn4^{tm1Ruby}.

No alerts have been found for Opn4^{tm1Ruby}/Opn4^{tm1Ruby}.

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.