

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[Opn4^{tm1\(cre\)Sapa}/Opn4⁺](#); [Dscam^{tm1Pfu}/Dscam^{tm1Pfu}](#)

RRID:MGI:5305038

Type: Organism

Proper Citation

RRID:MGI:5305038

Organism Information

URL:

Proper Citation: RRID:MGI:5305038

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

Species: Mus musculus

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

Phenotype: abnormal retinal ganglion cell morphology, abnormal axon fasciculation

Affected Gene: Dscam, Opn4

Genomic Alteration: tm1(cre)Sapa, tm1Pfu

Catalog Number: 5305038

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22063212](#)

Organism Name: Opn4^{tm1(cre)Sapa}/Opn4⁺; Dscam^{tm1Pfu}/Dscam^{tm1Pfu}

Record Creation Time: 20240120T190200+0000

Record Last Update: 20240130T201750+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Opn4}^{\text{tm1}(\text{cre})\text{Sapa}/\text{Opn4}^+}; \text{Dscam}^{\text{tm1Pfu}}/\text{Dscam}^{\text{tm1Pfu}}$.

No alerts have been found for $\text{Opn4}^{\text{tm1}(\text{cre})\text{Sapa}/\text{Opn4}^+}; \text{Dscam}^{\text{tm1Pfu}}/\text{Dscam}^{\text{tm1Pfu}}$.

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.