

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[Opn4^{tm2.1}\(cre/ERT2\)Saha/Opn4⁺; Pou4f2^{tm2.1}Nat/Pou4f2⁺](#)

RRID:MGI:5285911

Type: Organism

Proper Citation

RRID:MGI:5285911

Organism Information

URL:

Proper Citation: RRID:MGI:5285911

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

Species: Mus musculus

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

Phenotype: abnormal innervation, abnormal suprachiasmatic nucleus morphology

Affected Gene: Pou4f2, Opn4

Genomic Alteration: tm2.1Nat, tm2.1(cre/ERT2)Saha

Catalog Number: 5285911

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21765429](#)

Organism Name: Opn4^{tm2.1}(cre/ERT2)Saha/Opn4⁺; Pou4f2^{tm2.1}Nat/Pou4f2⁺

Record Creation Time: 20240120T190211+0000

Record Last Update: 20240130T201756+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Opn4}^{\text{tm2.1}(\text{cre/ERT2})\text{Saha}/\text{Opn4}^+; \text{Pou4f2}^{\text{tm2.1Nat}}/\text{Pou4f2}^+.$

No alerts have been found for $\text{Opn4}^{\text{tm2.1}(\text{cre/ERT2})\text{Saha}/\text{Opn4}^+; \text{Pou4f2}^{\text{tm2.1Nat}}/\text{Pou4f2}^+.$

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.