

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

[Gt\(ROSA\)26Sor^{tm1\(HBEGF\)Awai}/Gt\(ROSA\)26Sor⁺;
Opn4^{tm1\(cre\)Sapa}/Opn4⁺](#)

RRID:MGI:3803116

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3803116

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 entrainment, decreased retinal ganglion cell number, impaired pupillary reflex, behavior/neurological phenotype, abnormal suprachiasmatic nucleus morphology

Affected Gene: Gt(ROSA)26Sor, Opn4

Genomic Alteration: tm1(cre)Sapa, tm1(HBEGF)Awai

Catalog Number: 3803116

Background: involves: 129S * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18545654](#)

Organism Name: Gt(ROSA)26Sor^{tm1(HBEGF)Awai}/Gt(ROSA)26Sor⁺; Opn4^{tm1(cre)Sapa}/Opn4⁺

Record Creation Time: 20240120T190425+0000

Record Last Update: 20240130T201911+0000

Ratings and Alerts

No rating or validation information has been found for Gt(ROSA)26Sor^{tm1(HBEGF)Awai}/Gt(ROSA)26Sor⁺; Opn4^{tm1(cre)Sapa}/Opn4⁺.

No alerts have been found for Gt(ROSA)26Sor^{tm1(HBEGF)Awai}/Gt(ROSA)26Sor⁺; Opn4^{tm1(cre)Sapa}/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.