

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[Nr2e1^{tm1Rtyu}/Nr2e1^{tm1Rtyu}](#)

RRID:MGI:2653315

Type: Organism

Proper Citation

RRID:MGI:2653315

Organism Information

URL:

Proper Citation: RRID:MGI:2653315

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

Species: Mus musculus

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

Phenotype: disorganized retinal outer nuclear layer, decreased radial glial cell number, abnormal axon fasciculation, disorganized retinal inner nuclear layer, abnormal pallium development, abnormal amygdala morphology, blindness, abnormal lateral ganglionic eminence morphology, abnormal optic nerve morphology, abnormal retinal ganglion layer morphology, abnormal retinal outer nuclear layer morphology, abnormal retina morphology, abnormal optic stalk morphology, disorganized retinal ganglion layer, abnormal eye electrophysiology, abnormal retinal inner nuclear layer morphology, abnormal telencephalon development, absent photoreceptor outer segment, retinal degeneration, optic nerve degeneration, abnormal retinal outer plexiform layer morphology

Affected Gene: Nr2e1

Genomic Alteration: tm1Rtyu

Catalog Number: 2653315

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10706625](#), [PMID:12571103](#)

Organism Name: Nr2e1^{tm1Rtyu}/Nr2e1^{tm1Rtyu}

Record Creation Time: 20240120T190742+0000

Record Last Update: 20240130T202103+0000

Ratings and Alerts

No rating or validation information has been found for Nr2e1^{tm1Rtyu}/Nr2e1^{tm1Rtyu}.

No alerts have been found for Nr2e1^{tm1Rtyu}/Nr2e1^{tm1Rtyu}.

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.