

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Elovl4^{tm1Rayy}/Elovl4⁺](#)

RRID:MGI:3696675

Type: Organism

Proper Citation

RRID:MGI:3696675

Organism Information

URL:

Proper Citation: RRID:MGI:3696675

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

Species: Mus musculus

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

Phenotype: abnormal cone electrophysiology, retinal photoreceptor degeneration, retinal rod cell degeneration, abnormal retina morphology, abnormal retinal pigment epithelium morphology, abnormal eye electrophysiology, abnormal eye morphology, abnormal retinal outer plexiform layer morphology, abnormal fatty acid level, abnormal retinal rod cell outer segment morphology, retinal cone cell degeneration, thin retinal outer nuclear layer, abnormal photoreceptor outer segment morphology

Affected Gene: Elovl4

Genomic Alteration: tm1Rayy

Catalog Number: 3696675

Background: involves: 129 * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17003453](#)

Organism Name: Elovl4^{tm1Rayy}/Elovl4⁺

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201950+0000

Ratings and Alerts

No rating or validation information has been found for Elov^{l4}^{tm1Rayy}/Elov^{l4}⁺.

No alerts have been found for Elov^{l4}^{tm1Rayy}/Elov^{l4}⁺.

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.