

# Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

## B6.Cg-Frmd4b<sup>Tvrm222</sup> Nr2e3<sup>rd7</sup>/PjnMmjax

RRID:MMRRC\_043597-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_043597-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=43597](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43597)

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**Description:** Mus musculus with name B6.Cg-Frmd4b<sup>Tvrm222</sup> Nr2e3<sup>rd7</sup>/PjnMmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: ; Mutation Type: chemically induced mutation ; Collection:

**Phenotype:** abnormal retinal photoreceptor morphology [MP:0001004]| abnormal retinal cone cell morphology [MP:0001006]| retinal degeneration [MP:0001326]| abnormal retinal outer nuclear layer morphology [MP:0003731]| abnormal rod electrophysiology [MP:0004021]| abnormal cone electrophysiology [MP:0004022]| disorganized retinal outer nuclear layer [MP:0008516]| retinal outer nuclear layer degeneration [MP:0008518]| short photoreceptor outer segment [MP:0008587]| increased retinal apoptosis [MP:0030005]

**Affected Gene:** |Frmd4b|Nr2e3|

**Catalog Number:** 043597-JAX

**Background:** chemically induced mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Source References:** [PMID:29947801](#)

**Alternate IDs:** MMRRC\_43597-JAX, MMRRC\_043597, MMRRC\_43597

**Organism Name:** B6.Cg-Frmd4b<sup>Tvrm222</sup> Nr2e3<sup>rd7</sup>/PjnMmjax

**Record Creation Time:** 20230308T055234+0000

**Record Last Update:** 20260801T124600+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Frmd4b*<sup>Tvrm222</sup> *Nr2e3*<sup>rd7</sup>/PjnMmjax.

No alerts have been found for B6.Cg-*Frmd4b*<sup>Tvrm222</sup> *Nr2e3*<sup>rd7</sup>/PjnMmjax.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.