

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

C57BL/6J-Pf_{dn5}^{*nmf5a*}/PjnMmjax

RRID:MMRRC_043578-JAX

Type: Organism

Proper Citation

RRID:MMRRC_043578-JAX

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43578

Proper Citation: RRID:MMRRC_043578-JAX

Description: Mus musculus with name C57BL/6J-Pf_{dn5}^{*nmf5a*}/PjnMmjax from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal choroid plexus morphology [MP:0000820] dilated third ventricle [MP:0000827] small cerebellum [MP:0000852] decreased Purkinje cell number [MP:0000880] abnormal retinal photoreceptor morphology [MP:0001004] small testis [MP:0001147] abnormal retina morphology [MP:0001325] ataxia [MP:0001393] hydroencephaly [MP:0001891] male infertility [MP:0001925] premature death [MP:0002083] decreased brain weight [MP:0002175] oligozoospermia [MP:0002687] abnormal nervous system physiology [MP:0003633] abnormal photoreceptor outer segment morphology [MP:0003729] abnormal eye electrophysiology [MP:0005551] abnormal retinal apoptosis [MP:0006072] pregnancy-related premature death [MP:0008028] retinal photoreceptor degeneration [MP:0008450] thin retinal inner nuclear layer [MP:0008511] thin retinal outer nuclear layer [MP:0008515] short photoreceptor inner segment [MP:0008582] disorganized photoreceptor outer segment [MP:0008586] short photoreceptor outer segment [MP:0008587] early reproductive senescence [MP:0008995] necropermia [MP:0009325] abnormal retina outer limiting membrane morphology [MP:0010236] abnormal brain ependyma motile cilium morphology [MP:0011056]

Affected Gene: Pf_{dn5}

Catalog Number: 043578-JAX

Background: chemically induced mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_43578-JAX, MMRRC_043578, MMRRC_43578

Organism Name: C57BL/6J-*Pf_{dn}5^{nmf5a}*/PjnMmjax

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260801T124601+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-*Pf_{dn}5^{nmf5a}*/PjnMmjax.

No alerts have been found for C57BL/6J-*Pf_{dn}5^{nmf5a}*/PjnMmjax.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.