

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

[Gnpat^{tm1Just}](#)/[Gnpat^{tm1Just}](#)

RRID:MGI:2670462

Type: Organism

Proper Citation

RRID:MGI:2670462

Organism Information

URL:

Proper Citation: RRID:MGI:2670462

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

Species: Mus musculus

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

Phenotype: decreased nerve conduction velocity, abnormal paranode morphology, decreased brain weight, lenticonus, abnormal seminiferous tubule morphology, decreased body weight, abnormal eye anterior chamber morphology, abnormal retinal pigment epithelium morphology, small ovary, azoospermia, arrest of male meiosis, abnormal lipid homeostasis, male infertility, cataract, premature death, short limbs, disproportionate dwarf, postnatal growth retardation, persistence of hyaloid vascular system, optic nerve hypoplasia, microphthalmia, small cerebellum, abnormal paranodal axoglial junction morphology, abnormal Purkinje cell morphology, abnormal cerebral hemisphere morphology, abnormal cerebellar foliation, abnormal cerebellar granule cell migration, abnormal myelination

Affected Gene: Gnpat

Genomic Alteration: tm1Just

Catalog Number: 2670462

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19270340](#), [PMID:12874108](#)

Organism Name: Gnpat^{tm1Just}/Gnpat^{tm1Just}

Record Creation Time: 20240120T190730+0000

Record Last Update: 20240130T202057+0000

Ratings and Alerts

No rating or validation information has been found for Gnpat^{tm1Just}/Gnpat^{tm1Just}.

No alerts have been found for Gnpat^{tm1Just}/Gnpat^{tm1Just}.

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.