

Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

P/J

RRID:IMSR_JAX:000679

Type: Organism

Proper Citation

RRID:IMSR_JAX:000679

Organism Information

URL: <https://www.jax.org/strain/000679>

Proper Citation: RRID:IMSR_JAX:000679

Description: Mus musculus with name P/J from IMSR.

Species: Mus musculus

Synonyms: P/J-Pde6b

Notes: gene symbol note: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|bone morphogenetic protein 5|cadherin related 23 (otocadherin)|G protein-coupled receptor 84|histocompatibility 2; T region locus 18|MX dynamin-like GTPase 1|aryl-hydrocarbon receptor|histocompatibility-2; MHC|hemoglobin beta chain complex|myosin VA; inbred strain: Pde6b|Bmp5|Cdh23|Gpr84|H2-T18|Mx1|Ahr|H2|Hbb|Myo5a

Affected Gene: phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|bone morphogenetic protein 5|cadherin related 23 (otocadherin)|G protein-coupled receptor 84|histocompatibility 2; T region locus 18|MX dynamin-like GTPase 1|aryl-hydrocarbon receptor|histocompatibility-2; MHC|hemoglobin beta chain complex|myosin VA

Genomic Alteration: retinal degeneration 1|short ear|age related hearing loss 1|deletion|e variant|myxovirus susceptibility 1|b-2 variant|p variant|d|dilute

Catalog Number: JAX:000679

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: P/J

Record Creation Time: 20250513T053620+0000

Record Last Update: 20260919T054809+0000

Ratings and Alerts

No rating or validation information has been found for P/J.

No alerts have been found for P/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Ren W, et al. (2025) A tandem repeat atlas for the genome of inbred mouse strains: A genetic variation resource. iScience, 28(11), 113703.

Fu Y, et al. (2020) Elevation of JAML Promotes Diabetic Kidney Disease by Modulating Podocyte Lipid Metabolism. Cell metabolism, 32(6), 1052.