

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 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: MX dynamin-like GTPase 1|histocompatibility 2; T region locus 18|myosin VA|cadherin related 23 (otocadherin)|histocompatibility-2; MHC|phosphodiesterase 6B; cGMP; rod receptor; beta polypeptide|G protein-coupled receptor 84|hemoglobin beta chain complex|bone morphogenetic protein 5|aryl-hydrocarbon receptor; inbred strain: Mx1|H2-T18|Myo5a|Cdh23|H2|Pde6b|Gpr84|Hbb|Bmp5|Ahr

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

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

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: 20260815T050529+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 [PRECISE-TBI](#) .

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.