Resource Summary Report

Generated by RRID on Aug 1, 2026

PWK/PhJ

RRID:IMSR_JAX:003715
Type: Organism

Proper Citation

RRID:IMSR_JAX:003715

Organism Information

URL: https://www.jax.org/strain/003715

Proper Citation: RRID:IMSR_JAX:003715

Description: Mus musculus with name PWK/PhJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: mucin 4|cytochrome c oxidase subunit 7A2 like; wild-derived inbred strain|inbred strain: Muc4|Cox7a2l

Affected Gene: mucin 4|cytochrome c oxidase subunit 7A2 like

Genomic Alteration: PWK/PhJ|long

Catalog Number: JAX:003715

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: PWK/PhJ

Record Creation Time: 20250513T053641+0000

Record Last Update: 20260801T050343+0000

Ratings and Alerts

No rating or validation information has been found for PWK/PhJ.

No alerts have been found for PWK/PhJ.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Li ZK, et al. (2025) Adult bi-paternal offspring generated through direct modification of imprinted genes in mammals. Cell stem cell, 32(3), 361.

Murray KE, et al. (2025) Sex and Genotype Affect Mouse Hippocampal Gene Expression in Response to Blast-Induced Traumatic Brain Injury. Molecular neurobiology, 62(8), 9980.

Oliveira TY, et al. (2024) Quantitative trait loci mapping provides insights into the genetic regulation of dendritic cell numbers in mouse tissues. Cell reports, 43(6), 114296.

Gao R, et al. (2024) Defining a TFAP2C-centered transcription factor network during murine peri-implantation. Developmental cell, 59(9), 1146.

Wang L, et al. (2024) Chromatin landscape instructs precise transcription factor regulome during embryonic lineage specification. Cell reports, 43(5), 114136.

Chen PB, et al. (2024) Complementation testing identifies genes mediating effects at quantitative trait loci underlying fear-related behavior. Cell genomics, 4(5), 100545.

Jacob JB, et al. (2023) Identification of actionable targets for breast cancer intervention using a diversity outbred mouse model. iScience, 26(4), 106320.

Welsh IC, et al. (2023) Palatal segment contributions to midfacial growth in three inbred mouse strains. bioRxiv : the preprint server for biology.

Arora UP, et al. (2023) Variation in the CENP-A sequence association landscape across diverse inbred mouse strains. Cell reports, 42(10), 113178.

Emfinger CH, et al. (2023) Novel regulators of islet function identified from genetic variation in mouse islet Ca2+ oscillations. eLife, 12.

Sheppard K, et al. (2022) Stride-level analysis of mouse open field behavior using deep-learning-based pose estimation. Cell reports, 38(2), 110231.

Bachmann AM, et al. (2022) Genetic background and sex control the outcome of high-fat diet feeding in mice. iScience, 25(6), 104468.

Keele GR, et al. (2021) Regulation of protein abundance in genetically diverse mouse populations. Cell genomics, 1(1).

Yang G, et al. (2021) Dux-Mediated Corrections of Aberrant H3K9ac during 2-Cell Genome Activation Optimize Efficiency of Somatic Cell Nuclear Transfer. Cell stem cell, 28(1), 150.

Shi W, et al. (2021) Cardiac proteomics reveals sex chromosome-dependent differences between males and females that arise prior to gonad formation. Developmental cell, 56(21), 3019.

Wang LY, et al. (2020) Overcoming Intrinsic H3K27me3 Imprinting Barriers Improves Post-implantation Development after Somatic Cell Nuclear Transfer. Cell stem cell, 27(2), 315.

Du Z, et al. (2020) Polycomb Group Proteins Regulate Chromatin Architecture in Mouse Oocytes and Early Embryos. Molecular cell, 77(4), 825.

Onos KD, et al. (2019) Enhancing face validity of mouse models of Alzheimer's disease with natural genetic variation. PLoS genetics, 15(5), e1008155.

Bumgardner SA, et al. (2018) Genetic influence on splenic natural killer cell frequencies and maturation among aged mice. Experimental gerontology, 104, 9.