

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

[NZBWF1/J](#)

RRID:IMSR_JAX:100008

Type: Organism

Proper Citation

RRID:IMSR_JAX:100008

Organism Information

URL: <https://www.jax.org/strain/100008>

Proper Citation: RRID:IMSR_JAX:100008

Description: Mus musculus with name NZBWF1/J from IMSR.

Species: Mus musculus

Synonyms: (NZB/BINJ x NZW/LacJ)F1/J

Notes: gene symbol note: ; unclassified:

Catalog Number: JAX:100008

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NZBWF1/J

Record Creation Time: 20250513T053915+0000

Record Last Update: 20260725T044606+0000

Ratings and Alerts

No rating or validation information has been found for NZBWF1/J.

No alerts have been found for NZBWF1/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Lang PA, et al. (2025) Optimized arenaviruses with tumor-tropic mutations promote safe anti-tumor efficacy via sustainable immune modulatory properties. *Cell reports. Medicine*, 6(10), 102411.

Sandoval S, et al. (2024) Neuropilin-1 as a Key Molecule for Renal Recovery in Lupus Nephritis: Insights from an NZB/W F1 Mouse Model. *International journal of molecular sciences*, 25(21).

Shi H, et al. (2023) Perivascular adipose tissue promotes vascular dysfunction in murine lupus. *Frontiers in immunology*, 14, 1095034.

Chernova I, et al. (2023) The ion transporter Na⁺-K⁺-ATPase enables pathological B cell survival in the kidney microenvironment of lupus nephritis. *Science advances*, 9(5), eadf8156.

Baggen J, et al. (2023) TMEM106B is a receptor mediating ACE2-independent SARS-CoV-2 cell entry. *Cell*, 186(16), 3427.

Zhang C, et al. (2022) Effect of Combined Mycophenolate and Rapamycin Treatment on Kidney Fibrosis in Murine Lupus Nephritis. *Frontiers in pharmacology*, 13, 866077.

Grando K, et al. (2022) Phenol-Soluble Modulins From *Staphylococcus aureus* Biofilms Form Complexes With DNA to Drive Autoimmunity. *Frontiers in cellular and infection microbiology*, 12, 884065.

Khadka S, et al. (2022) Generation and Validation of an Anti-Human PANK3 Mouse Monoclonal Antibody. *Biomolecules*, 12(9).

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

Chaudhari S, et al. (2022) Renal TLR-7/TNF- α pathway as a potential female-specific mechanism in the pathogenesis of autoimmune-induced hypertension. *American journal of physiology. Heart and circulatory physiology*, 323(6), H1331.

Desikan SA, et al. (2022) A MACS protocol for purification of untouched germinal center B cells from unimmunized or germinal center-induced mice. *STAR protocols*, 3(2), 101388.

Labombarde JG, et al. (2022) Induction of broadly reactive influenza antibodies increases susceptibility to autoimmunity. *Cell reports*, 38(10), 110482.

Pohlmeyer CW, et al. (2021) Characterization of the mechanism of action of lanraplenib, a novel spleen tyrosine kinase inhibitor, in models of lupus nephritis. BMC rheumatology, 5(1), 15.

Pestka JJ, et al. (2014) Comparative effects of n-3, n-6 and n-9 unsaturated fatty acid-rich diet consumption on lupus nephritis, autoantibody production and CD4+ T cell-related gene responses in the autoimmune NZBWF1 mouse. PloS one, 9(6), e100255.

Tao X, et al. (2006) Therapeutic impact of the ethyl acetate extract of *Tripterygium wilfordii* Hook F on nephritis in NZB/W F1 mice. Arthritis research & therapy, 8(1), R24.