

Resource Summary Report

Generated by [ASWG](#) on Aug 13, 2026

BPN/3J

RRID:IMSR_JAX:003004

Type: Organism

Proper Citation

RRID:IMSR_JAX:003004

Organism Information

URL: <https://www.jax.org/strain/003004>

Proper Citation: RRID:IMSR_JAX:003004

Description: Mus musculus with name BPN/3J from IMSR.

Species: Mus musculus

Synonyms: Blood Pressure Normal. BPN/3@J

Notes: gene symbol note: ; inbred strain:

Catalog Number: JAX:003004

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: BPN/3J

Record Creation Time: 20250513T053636+0000

Record Last Update: 20260808T050838+0000

Ratings and Alerts

No rating or validation information has been found for BPN/3J.

No alerts have been found for BPN/3J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Pernomian L, et al. (2025) Hypertensive BPH/2J mice exhibit sex-specific heart failure progression and late-life microvascular rarefaction. American journal of physiology. Heart and circulatory physiology, 329(3), H671.

Pernomian L, et al. (2024) A Single-Short Partial Reprogramming of the Endothelial Cells decreases Blood Pressure via attenuation of EndMT in Hypertensive Mice. bioRxiv : the preprint server for biology.

Doolittle ML, et al. (2020) Genetic analysis of osteoblast activity identifies Zbtb40 as a regulator of osteoblast activity and bone mass. PLoS genetics, 16(6), e1008805.

Gao Y, et al. (2017) Prediction of marker genes associated with hypertension by bioinformatics analyses. International journal of molecular medicine, 40(1), 137.