

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

NZB/BINJ

RRID:IMSR_JAX:000684

Type: Organism

Proper Citation

RRID:IMSR_JAX:000684

Organism Information

URL: <https://www.jax.org/strain/000684>

Proper Citation: RRID:IMSR_JAX:000684

Description: Mus musculus with name NZB/BINJ from IMSR.

Species: Mus musculus

Synonyms: New Zealand Black

Notes: gene symbol note: cytochrome c oxidase subunit 7A2 like|hemolytic complement|mitochondrially encoded tRNA arginine|MX dynamin-like GTPase 1|microRNA 16-1|interleukin 3 receptor; alpha chain|aryl-hydrocarbon receptor|beta-2 microglobulin|phosphatidylcholine transfer protein|beaded filament structural protein 2; phakinin; inbred strain: Cox7a2|Hc|mt-Tr|Mx1|Mir16-1|Il3ra|Ahr|B2m|Pctp|Bfsp2

Affected Gene: cytochrome c oxidase subunit 7A2 like|hemolytic complement|mitochondrially encoded tRNA arginine|MX dynamin-like GTPase 1|microRNA 16-1|interleukin 3 receptor; alpha chain|aryl-hydrocarbon receptor|beta-2 microglobulin|phosphatidylcholine transfer protein|beaded filament structural protein 2; phakinin

Genomic Alteration: long|deficient|mutation 1|myxovirus susceptibility 1|d variant|a variant|R120H|Dundee

Catalog Number: JAX:000684

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NZB/BINJ

Record Creation Time: 20250513T053620+0000

Record Last Update: 20260912T060405+0000

Ratings and Alerts

No rating or validation information has been found for NZB/BINJ.

No alerts have been found for NZB/BINJ.

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 [NIF](#) .

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

Khan AH, et al. (2023) Genetic pathways regulating the longitudinal acquisition of cocaine self-administration in a panel of inbred and recombinant inbred mice. Cell reports, 42(8), 112856.

Molendijk J, et al. (2022) Proteome-wide systems genetics identifies UFMylation as a regulator of skeletal muscle function. eLife, 11.

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