NZB/BlNJ mice display a number of autoimmune abnormalities including hemolytic anemia, elevated levels of immunoglobulin, anti-DNA antibodies, anti-thymocyte antibodies, and circulating immune complexes causing glomerulonephritis. F1 hybrids of NZB/BlNJ
and NZW/LacJ (NZBW1/J, Stock No. 100008) are widely used as a model for autoimmune disease resembling human systemic lupus erythematosus. NZB/BlNJ mice, fed an atherogenic diet, fail to develop atherosclerotic aortic lesions in contrast to several highly susceptible strains of mice.
Genetics

- \( Bfsp^{2Dundee} \)
- \( Il3ra^{m1} \)
- \( Pctp^{R120H} \)
- \( Hc^0 \)
- \( Mx1^{s1} \)
- \( Ah^{d} \)
- \( Mir16-1^{m1} \)
- \( Cox7a2^{l} \)
- \( mt-Tr^{m1} \)

Disease/Phenotype

- Disease Terms
- Research Areas By Phenotype
- Mammalian Phenotype Terms by Genotype
- Phenotype Information
- References

Contact Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting
Dietary Information
LabDiet® 5K52 formulation (6% fat)
Breeding Considerations

This strain is a challenging breeder.

Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
black

Related Genotype: al/a

Citation
When using the NZB mouse strain in a publication, please include JAX stock #000684 in your Materials and Methods section.

Animal Health Reports

Facility Barrier Level Descriptions

Pricing & Availability

Available Now

Sized to accommodate orders of up to 10 or more with age range. Ask Customer Service for details.

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<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
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By Allele

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