The AXB and BXA set of RI strains are useful in the genetic analysis of complex diseases. The individual strains within the RI set also differ in their susceptibility to infectious diseases and in their responses to alcohol, stress, and endotoxin. AXB and BXA strains are derived from the C57BL/6J (Stock No. 000664) and A/J (Stock No. 000646) progenitor strains.

BXA strains are derived from the C57BL/6J (Stock No. 000664) and A/J (Stock No. 000646) progenitor strains. Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

**BASE PRICE**
Starting at:
$2,854.50 Domestic price Cryo Recovery

**GENETIC OVERVIEW**
Genetic Background | Generation

**RESEARCH APPLICATIONS**
Research Tools
Neurobiology Research

**VIEW GENETICS**

**VIEW ALL RESEARCH APPLICATIONS**

**PLACE ORDER**

**Email** **Download PDF** **Help**
The AXB and BXA set of RI strains are useful in the genetic analysis of several complex diseases including cardiovascular disease, diabetes, cancer, cleft palate, and hydrocephalus. The individual strains within the RI set also differ in their susceptibility to infectious diseases and in their responses to alcohol, stress, and endotoxin.

The strain distribution pattern (SDP) for the BXA RI strains is available through the Mouse Genome Informatics Contributed Data Sets and Gene Network.

Additional tools and information are presented through the Mouse Phenome Database Specialized Strain Panel Query Form, and Gene Network.

Currently there are no related genes or alleles for this strain.
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
brown
Related Genotype: a/a Tyrp1b/Tyrp1b Tyr+/Tyr+

Citation
When using the BXA12/PgnJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #001700 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Inbred, 1 pair minimum will be supplied</td>
<td>$2,854.50</td>
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THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic
background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain’s phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee **breeding performance** and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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**TERMS OF USE**

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**Please note specific policy for live mice.**

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Related Strains

- All
- By Allele
- By Gene
- By Collection