The BXD set of RI strains is used in the genetic analysis of numerous complex or potentially complex physiologic phenotypes. The BXD strains are derived from the C57BL/6J (Stock No. 000664) and DBA/2J (Stock No. 000671) progenitor strains.

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

**GENETIC OVERVIEW**

**Genetic Background**

**Generation**

**RESEARCH APPLICATIONS**

**Neurobiology Research**

**Research Tools**

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

**VIEW GENETICS**

**VIEW ALL RESEARCH APPLICATIONS**

**VIEW PRICE LIST**
Details

Detailed Description

The BXD RI strains are used to study the genetics of behavioral phenotypes including alcohol and drug addiction, stress, and locomotor activity. The BXD set of RI strains also are used in the genetic analysis of numerous complex or potentially complex physiologic phenotypes including differences in organ weight and bone mineral density.

The strain distribution pattern (SDP) for the BXD 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.

Please note: BXD24TyRww/J (032926) has been inbred an additional 16 generations.

Genetics

Currently there are no related genes or alleles for this strain.

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

Phenotype Information

References

Technical Support
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
chocolate brown
Related Genotype: \( a/a \) Tyrp1\(^b \)/Tyrp1\(^b \) Myo5a\(^+ \)/Myo5a\(^+ \)

Citation
When using the BXD24/TyJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #005243 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

Cryo Recovery

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>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Inbred, 1 pair minimum will be supplied</td>
<td>$2,854.50</td>
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<tr>
<th>RELATED PRODUCTS AND SERVICES</th>
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<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>BXD24/TyJ- Frozen Embryos</td>
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Phone: 207-288-6470
Email: TechTran@jax.org

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains