

BXH6/TyJ

Stock No: 000038

 Recombinant Inbred (RI)

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

PLACE ORDER

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is derived from the C57BL/6J (Stock No. 000664) and C3H/HeJ (Stock No. 000659) progenitor strains.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Micrⁿ

Alele Type

Gene Symbol

Gene Name

QTL

Micr1

microwave induced increase in complement receptor B cells

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

The BXH set of RI strains is used in the genetic analysis of numerous complex or potentially complex physiologic phenotypes including differences in thyroid function (Graves' disease), bone mineral density, atherosclerosis and leukemia.

A [SNP data set](#) is available through the Mouse Phenome Database for the BXH strains.

Another BXH genotype data set consists of 472 MIT CA-repeat dinucleotide microsatellite markers that were typed at UTHSC from 1998 through 2000. The file is taken directly from Williams and colleagues (2001) without any significant modification in genotypes. This order of markers has been updated to conform to the March 2005 assembly of the mouse genome (Build 34 or UCSC mm6). The data set may be downloaded from the University of Tennessee [Gene Network site](#). A data set from Mouse Genome Informatics [Contributed Data Sets](#) is also available.

Tools for using the RI set are presented through the Mouse Phenome Database

[Specialized Strain Panel Query Form](#), and

[Gene Network](#).

Development

Selected References

Genetics

Micrⁿ

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

+ Phenotype Information

+ References

- Technical Support

C O N T A C T T E C H N I C A L S U P P O R T

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Appearance

agouti

Related Genotype: *A/A*

Citation

When using the BXH6/TyJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000038 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.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Inbred, 1 pair minimum will be supplied	\$2,854.50

PAYMENT TERMS AND CONDITIONS

Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

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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Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection





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TOMORROW'S CURES



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Did you find what you were looking for?

Yes No