

BXSB.B6-Yaa⁺/MobJ FACULTY STRAINStock No: **001925** | BXSB-Yaa⁺ [Congenic, Recombinant Inbred \(RI\)](#)[CONTACT CUSTOMER SERVICE](#)[Email](#) [Download PDF](#) [Help](#)

BXSB.B6-Yaa⁺ mice are a BXSB-consomic strain that carries the C57BL/6-derived Y chromosome in place of the mutant Yaa-containing Y chromosome of BXSB/MpJ inbred male mice (Stock No. [000740](#)). As such, BXSB.B6-Yaa⁺ male mice are a sex-matched, autoimmune disease-resistant control strain for BXSB/MpJ male mice.

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GENETIC OVERVIEW

Genetic Background**Generation**[+](#)**Allele Type**

Not Applicable

Gene Symbol

Yaa

Gene Name

accelerated autoimmunity and lymphoproliferation transposition

[VIEW GENETICS](#)

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research

[VIEW ALL RESEARCH APPLICATIONS](#)

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

Details

Detailed Description

This BXSB strain carries the wild-type allele of the *Yaa* gene from C57BL/6 and serves as a control strain for BXSB/MpJ *Yaa* (Stock No. 000740). BXSB/MpJ *Yaa* mice develop spontaneous autoimmune disease characterized by moderate lymph node and spleen enlargement, hemolytic anemia, hypergammaglobulinemia, and immune complex glomerulonephritis.

Development

Genetics

+ +

Disease/Phenotype

+ Disease Terms

+ Research Areas By Phenotype

+ Mammalian Phenotype Terms by Genotype

+ References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Citation

When using the BXS^B-Yaa⁺ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001925 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

Domestic International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Y linked - Yaa<+>	\$2,854.50

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THE JACKSON LABORATORY'S GENOTYPE PROMISE

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

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TOMORROW'S CURES



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