

CC045/GeniUncJStock No: **025425** | AU8045 **Recombinant Inbred (RI)**

Live mice available in varying quantities. Ask Customer Service for details.

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NOD/ShiLtJ, NZO/HILtJ, CAST/EiJ, PWK/PhJ, and WSB/EiJ. The panel provides a reproducible source of uniform genome-wide genetic variation for complex trait analysis and systems genetics.

Donating Investigator

UNC Systems Genetics Core Facility, University of North Carolina at Chapel Hill

[R E A D M O R E +](#)**GENETIC OVERVIEW****Genetic Background****Generation**

?+F6

(2020-12-18 00:00:00)

[V I E W G E N E T I C S](#)**RESEARCH APPLICATIONS****Research Tools**[V I E W A L L R E S E A R C H A P P L I C A T I O N S](#)**BASE PRICE**

Starting at:

\$215.00 Domestic price for female 4-week

Details

Detailed Description

The Collaborative Cross (CC) recombinant inbred mouse set is a genetic resource for high resolution mapping of complex traits derived from five classical inbred strains (129S1/SvImJ, A/J, C57BL/6J, NOD/ShiLtJ, and NZO/HILtJ) and three wildtype-derived strains (CAST/EiJ, PWK/PhJ, WSB/EiJ). The panel provides a reproducible source of uniform genome-wide genetic variation for complex trait analysis and systems genetics and is a source of new models of human disease. For additional information on the CC mouse strains, please see the Collaborative Cross [Web Site](#) maintained at the University of North Carolina, Chapel Hill.

Development

Control Suggestions

Selected References

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

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Dietary Information

LabDiet® 5K52 formulation (6% fat)

Breeding Considerations

Mice from the Collaborative Cross are recombinant inbreds and maintained by sibling mating.

[Additional Breeding and Husbandry Support](#)

Mating System

Sibling x Sibling

Citation

When using the AU8045 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #025425 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX12 \(Maximum\)](#)

Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

Domestic International

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE		
AGE	SEX	PRICE
4 weeks	Female	\$215.00
	Male	\$215.00
5 weeks	Female	\$215.00
	Male	\$215.00
6 weeks	Female	\$215.00
	Male	\$215.00

7 weeks	SEX	\$215.00
	Male	\$215.00
8 weeks	Female	\$215.00
	Male	\$215.00
9 weeks	Female	\$215.00
	Male	\$215.00
10 weeks	Female	\$215.00
	Male	\$215.00
11 weeks	Female	\$215.00
	Male	\$215.00
12 weeks	Female	\$215.00
	Male	\$215.00

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.

Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

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

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by requires approval from University of North Carolina – Chapel Hill prior to shipping.](#)

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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