

## CC024/GeniUncJ

Stock No: **021891** | AU8004

 Recombinant Inbred (RI)

Please contact [Technical Support](#) for more information

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wide genetic variation for complex trait analysis and systems genetics.

### Donating Investigator

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

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## GENETIC OVERVIEW

**Genetic Background**

**Generation**

?+F7

(2019-09-16 00:00:00)

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

### 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.

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### + Development

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### + Control Suggestions

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### + Selected References

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## - Genetics

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

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## - Disease/Phenotype

### + Disease Terms

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### + Research Areas By Phenotype

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### + Mammalian Phenotype Terms by Genotype

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### + References

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## - 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](#)

### Dietary Information

LabDiet® 5K54 formulation (4% fat)

### Breeding Considerations

Mice from the Collaborative Cross are recombinant inbreds and maintained by sibling mating. This strain is highly non-productive and litter size is small.

[Additional Breeding and Husbandry Support](#)

Mating System  
Sibling x Sibling

### Citation

When using the AU8004 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #021891 in your Materials and Methods section.

Animal Health Reports  
[Facility Barrier Level Descriptions](#)

 [AX18 \(Maximum\)](#)

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# STRAIN INTEREST REGISTRATION

Please fill out the form below to indicate your interest in purchasing this JAX®Mice strain. This information helps us manage the colony build and better meet the broad needs of the research community.

Please send any technical questions to [Technical Support](#).

## CONTACT INFORMATION

First Name

Last Name

Institution

Phone Number

Email

## INTEREST

Please indicate your approximate levels of interest. You can add another line by selecting "Add More Interest".

Number of Mice

Frequency

Product

Comment

Frequency...

Products...

ADD MORE INTEREST

SUBMIT

## Terms Of Use

### TERMS OF USE

[General Terms and Conditions](#)

QUESTIONS ABOUT TERMS OF USE

### ADDITIONAL USE RESTRICTIONS APPLY

[Strains from the Collaborative Cross collection, available by way of a special arrangement with the University of North Carolina, Chapel Hill.](#)

### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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