

**CC058/UncJ**Stock No: **027298** | OR5358 Recombinant Inbred (RI)[Please contact Technical Support for more information](#)[REGISTER INTEREST](#)[Email](#) [Download PDF](#) [Help](#)

**Due to poor production, this strain is currently not available to order. If you register interest you will be notified when orders can again be taken.**

The Collaborative Cross is a multiparental recombinant inbred panel derived from 129S1/SvImJ, A/J, C57BL/6J, 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**?**+pF13**  
(2020-10-14 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](#)

## 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

## 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 OR5358 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #027298 in your Materials and Methods section.

## Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [AX12 \(Maximum\)](#)

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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...

A D D M O R E I N T E R E S T

S U B M I T

## ⊖ 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](mailto:TechTran@jax.org)

## ⊖ Related Strains

All

By Allele

By Gene

By Collection



## DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

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# TOMORROW'S CURES



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