This inbred strain is derived from the outbred strain ICR. It may be useful in therapeutic drug testing and genetic analysis of carcinogen-induced colon cancer.

Donating Investigator

Rosemary W. Elliott, Roswell Park Cancer Inst.

GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td></td>
<td>F38+F31</td>
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<td>(2019-12-31 00:00:00)</td>
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RESEARCH APPLICATIONS

Research Tools
Cancer Research

BASE PRICE
Starting at:
$183.00 Domestic price for female 4-week
This inbred strain is derived from the outbred stock ICR. ICR/HaJ may serve as a general purpose strain and is known for susceptibility to induced colon cancer. In contrast to resistant C57BL/6HaJ (009123), 100% of ICR/HaJ mice develop colon tumors and adenocarcinomas by 24 weeks following subcutaneous injection of 1,2-dimethylhydrazine (DMH). ICR/HaJ carries the MHC haplotype H2B and may be used as a control for NOD/ShiLtJ (Stock #001976). Mice do not develop insulitis or diabetes. Like ICR, this inbred is highly prolific. This strain may be useful in therapeutic drug testing, genetic analysis of carcinogen-induced colon cancer and as control for NOD/ShiLtJ.
Genotyping Protocols
Genotyping resources and troubleshooting
Dietary Information
LabDiet® 5K52 formulation (6% fat)
Breeding Considerations

ICR/HaJ mice are susceptible to eye inflammation, therefore nestlets are not recommended as bedding material.

Additional Breeding and Husbandry Support
Mating System
Inbred x Inbred
Appearance
albino
Related Genotype: A/A, Tyr<sup>c</sup>/Tyr<sup>c</sup>

Citation
When using the ICR/HaJ mouse strain in a publication, please include JAX stock #009122 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

- AX10 (Standard)

Pricing & Availability

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

- **Available**

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 weeks</td>
<td>Female</td>
<td>Not Applicable</td>
<td>$183.00</td>
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<tr>
<td></td>
<td>Male</td>
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<tr>
<td>5 weeks</td>
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<tr>
<td>6 weeks</td>
<td>Female</td>
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<td>$183.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Not Applicable</td>
<td>$183.00</td>
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</tbody>
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Additional Use Restrictions Apply

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Phone: 207-288-6470
Email: TechTran@jax.org

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### Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains