Overview

Also Known As: HOX11

These HOX11 mice express a transgene containing the human HOX11 (TLX1/HOX11) cDNA under the control of the murine IgH-V region promoter fused to the IgH enhancer with expression detected in the kidney, bone marrow, and spleen tissue.

Donating Investigator

Dr. Ian Dube, Sunnybrook Health Sciences Centre
**GENETIC OVERVIEW**

**Genetic Background**

*Tg(Igh-HOX11)11Idd*

**Allele Type**

Transgenic (Inserted expressed sequence)

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**RESEARCH APPLICATIONS**

- Cell Biology Research
- Research Tools
- Developmental Biology Research
- Cancer Research
- Hematological Research

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**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

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**Details**

This transgenic strain is a good tool for developing therapies for non-Hodgkins lymphoma. Heterozygous mice appear normal and healthy at birth but die in their second year of life. More than 85% of these mice die from mature B cell lymphoma. No homozygous *TLX1* mice were identified in offspring of heterozygous matings, suggesting that homozygotes are not viable.

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**Expression Data**

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**Selected References**

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**Genetics**
Genotyping Protocols
Separated PCR: Tg(Igh-HOX11)11Idd
Genotyping resources and troubleshooting

Breeding Considerations
When maintaining a live colony, heterozygous mice may be bred to wildtype mice from the colony. Homozygotes are not viable.

Additional Breeding and Husbandry Support

Citation
When using the HOX11 mouse strain in a publication, please cite the originating article(s) and include JAX stock #003395 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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<tr>
<th>SERVICE</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Carrier or non-carrier for Tg(Igh-HOX11)11Idd</td>
<td>$2,854.50</td>
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We will fulfill your order by providing at least two carriers for each strain ordered. The total number, sex, and genotypes provided will vary, although typically 8 or more animals are provided. Please check genotypes which will be recovered. While the genotypes of all animals produced will be communicated to you prior to scheduling shipment, the genotypes of animals provided may not reflect the mating scheme and genotypes described in the strain description. Animals are typically ready to ship in 11-14 weeks. If a second recovery is required to produce the minimum number of animals, then delivery time would increase to approximately 25 weeks. If we fail to produce animals of the correct genotype, you will not be charged. We cannot guarantee the reproductive success of mice shipped to your facility. If the mice are lost after the first three days (post-arrival) or do not produce progeny at your facility, a new order and fee will be necessary.

Cryorecovery to establish a Dedicated Supply for greater quantities of mice. Mice recovered can be used to establish a dedicated colony to contractually supply you mice according to your requirements. Price by quotation.

**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.

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**General Terms and Conditions**

**Licensing Information**

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

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All

By Allele

By Gene

By Collection

All Related Strains