Overview

The dominant mutation X-linked stripe seems to be a hemizygous lethal mutation since no affected males have been observed. On this CBA background, heterozygous females have an agouti coat color with stripes and a white patch on the left hind flank.

GENETIC OVERVIEW

| Genetic Background | Generation |
**Xls**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Xls</td>
<td>X-linked stripe</td>
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</table>

**RESEARCH APPLICATIONS**

Dermatology Research

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**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

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**Details**

**Detailed Description**

The dominant mutation X-linked stripe seems to be a hemizygous lethal mutation since no affected males have been observed. On this CBA background, heterozygous females have an agouti coat color with stripes and a white patch on the left hind flank.

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**Development**

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**Control Suggestions**

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**Selected References**

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**Genetics**

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**Xls**

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**Disease/Phenotype**

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**Disease Terms**

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**Research Areas By Phenotype**

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Appearance
agouti with dark stripes, often with small white patches
Related Genotype: A/A Xsl/X

agouti, unaffected
Related Genotype: A/A

Citation
When using the CBACaGnLe.Cg-Xls/GrsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #005274 in your Materials and Methods section.

Animal Health Reports
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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<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>X linked - Heterozygous females and Wild-type Males for Xls</td>
<td>$2,854.50</td>
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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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The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains