Overview

Also Known As: twitcher 5 Jackson

These mice carry a spontaneous mutation at the Galc locus characterized by moderate tremor, smaller body size, and early death.
GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Galc&lt;sup&gt;5W-5J&lt;/sup&gt;</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Galc</td>
<td>galactosylceramidase</td>
</tr>
</tbody>
</table>

RESEARCH APPLICATIONS

Neurobiology Research

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

The twitcher 5 Jackson homozygotes on this BXD32/TyJ background have a much earlier onset than the original twitcher mutation assessed on a mixed B6;CE background. A moderate tremor and smaller body size can be detected by 14 to 16 days of age, most homozygotes die by 21 days of age, and the remainder die by 30 days of age.

Details

Detailed Description

Development

Control Suggestions

Selected References

Genetics

Galcm<sup>5W-5J</sup>
Genotyping Protocols
Sanger sequencing: Galc
Genotyping resources and troubleshooting

Citation
When using the twitcher 5 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #003613 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions
Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Cryo Recovery

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or wildtype for Galc&lt;twi-5J&gt;, 1 pair minimum</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

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

Related Products and Services

Frozen Mouse Embryo

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BXD32/TyJ-Galc&lt;twi-5J&gt;/J Frozen Embryos</td>
<td></td>
<td>$2,595.00</td>
</tr>
</tbody>
</table>
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

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Phone: 207-288-6470
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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