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>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Galc</td>
<td>galactosylceramidase</td>
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RESEARCH APPLICATIONS

Neurobiology Research

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

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.

Development

Control Suggestions

Selected References

Genetics

Genetic Background

Generation

Galc<sup>twi-5J</sup>

V I E W P R I C E L I S T

V I E W  G E N E T I C S

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

V I E W  G E N E T I C S
Related Products and Services

Frozen Mouse Embryo

BXD32/TyJ-Galc<twi-5J>/J Frozen Embryos

$2595.00

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

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
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/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<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>
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Domestic

International

Pricing effective for USA, Canada and Mexico shipping destinations

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<tr>
<th>Cryorecovery - Domestic Pricing</th>
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<tbody>
<tr>
<td>SERVICE/PRODUCT</td>
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<tr>
<td>Cryo Recovery</td>
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</tbody>
</table>

Related Products and Services

Frozen Mouse Embryo

BXD32/TyJ-Galc<twi-5J>/J Frozen Embryos

$2595.00
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Terms Of Use

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

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