

BXD32/TyJ-Galc^{twi-5J}/J

Stock No: 003613 | twitcher 5 Jackson

Recombinant Inbred (RI), Spontaneous Mutation

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

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death.

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GENETIC OVERVIEW

Genetic Background

Generation

Galc^{twi-5J}

Alele Type

Gene Symbol

Gene Name

Spontaneous

Galc

galactosylceramidase

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

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

$Galc^{twi-5J}$

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

C O N T A C T T E C H N I C A L S U P P O R T

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.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or wildtype for Galc<twi-5J> , 1 pair minimum	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	BXD32/TyJ- Galc<twi-5J>/J Frozen Embryos	\$2595.00
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PAYMENT TERMS AND CONDITIONS

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THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

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

Related Strains

All

By Allele

By Gene

By Collection






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TOMORROW'S CURES



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