

B6;FVB-*dft*/GrsrJ

Stock No: **024840**

 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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GENETIC OVERVIEW

Genetic Background

Generation

dft

Alele Type

Spontaneous (Not Specified)

Gene Symbol

dft

Gene Name

deformed tail

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research
Internal/Organ Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Deformed tail homozygotes have tail kinks, with variability in the number of kinks and variable shortening of the tail length. In the most severe cases the tail is only a short stub. The overall size of the homozygote may be slightly smaller than its littermate controls. Prenatal lethality of some homozygotes is indicated by the smaller litter size and fewer than expected numbers of mutants generated in heterozygous intercrosses, which yielded an average of 13.3% mutants instead of 25%, or crosses between heterozygotes and homozygotes, which yielded an average of 22.7% mutants instead of 50%. Preliminary mapping linked this mutation to distal Chromosome 5, with only 1 of 9 homozygotes being recombinant with rs3664741.

Development

Control Suggestions

Selected References

Genetics

dft

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

[Genotyping resources and troubleshooting](#)

Mating System

Progeny Tested

heterozygote x heterozygot

Homozygote x Heterozygote

Heterozygote x Homozygote

Citation

When using the B6;FVB-*dft*/GrsrJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #024840 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 for <i>dft</i>	\$2,854.50

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.

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

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By Allele

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By Collection






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TOMORROW'S CURES



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