

C.Cg-*tkb*/JStock No: **023288** | tail kinks or bends Congenic, Spontaneous Mutation

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

[PLACE ORDER](#)[Email](#) [Download PDF](#) [Help](#)

has very low penetrance.

[R E A D M O R E +](#)

GENETIC OVERVIEW

Genetic Background**Generation***tkb***Alele Type****Gene Symbol****Gene Name**

Endonuclease-mediated

tkb

tail kinks or bends

[V I E W G E N E T I C S](#)

RESEARCH APPLICATIONS

Internal/Organ Research

Developmental Biology Research

[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](#)

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for the spontaneous mutation *tkb* can have one or more than one kink or bend in the tail, but this mutation has very low penetrance. Heterozygous intercrosses generated only 4.2% mutants instead of the 25% expected, and intercrosses of homozygotes and heterozygotes generated only 8.1% mutants instead of the 50% expected. Auditory brainstem response analysis and ophthalmoscopic examination found no defects in the hearing or eyes. This mutation was also found to have very low penetrance in mapping crosses to FVB/NJ, CAST/EiJ, C3H/HeSnJ, and 129S1/SvImJ. The underlying genetic defect has not been mapped or sequenced.

Selected References

Genetics

tkb

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Citation

When using the tail kinks or bends mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #023288 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 nm3738	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	C.Cg-tkb/GrsrJ Frozen Embryo	\$2595.00
-------------------------------------	------------------------------	-----------

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.

Terms Of Use

TERMS OF USE

[General Terms and Conditions](#)

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





DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

LEARN MORE



CONTACT



DONATE



SUBSCRIBE

JAX HOME CAREERS LEGAL INFORMATION

RESEARCH CENTERS MOUSE GENOME INFORMATICS

MOUSE PHENOME DATABASE

Leading the search for

TOMORROW'S CURES



©2021 THE JACKSON LABORATORY

Choose other country or region



^ E E E D B