

D2(B6Ei)-*twit*/GrsrJ

Stock No: **004416** | [twitter](#)

 Coisogenic, 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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quivering.

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GENETIC OVERVIEW

Genetic Background

Generation

twit

Alele Type

Gene Symbol

Gene Name

Spontaneous

twit

twitter

VIEW GENETICS

RESEARCH APPLICATIONS

Developmental Biology Research

Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for this recessive mutation are recognizable by 2.5 - 3 weeks of age by their smaller body size, gaunt torso, frailty, and constant quivering which is most obvious from the nose to the abdominal-thoracic area. Mutants also show poor ability to hold onto an edge with either their fore- or hindlimbs. Adult mutants may chatter excessively. Some homozygous mutants die before weaning; others survive through adulthood but they are unreliable breeders. *twit* has been mapped between the flanking markers *D14Mit44* and *D14Mit175* in the B band of Chr 14 at 22.9 Mb and 27.9 Mb, respectively.

Development

Control Suggestions

Selected References

Genetics

twit

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Appearance

dilute brown nonagouti, affected

Related Genotype: *ala Tyrp1^b/Tyrp1^b Myo5a^d/Myo5a^d twit/twit*

dilute brown nonagouti, unaffected

Related Genotype: *ala Tyrp1^b/Tyrp1^b Myo5a^d/Myo5a^d +/?*

Citation

When using the twitter mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #004416 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 twit	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	D2(B6Ei)-twit/GrsrJ Frozen Embryos	\$2595.00
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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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All

By Allele

By Gene

By Collection



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TOMORROW'S CURES



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