

**B6.Cg-Dsht/GrsrJ**Stock No: **012654** Congenic, 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**

### *Dsht*

**Alele Type**

Spontaneous

**Gene Symbol***Dsht***Gene Name**

dominant short tail

[VIEW GENETICS](#)

## RESEARCH APPLICATIONS

Developmental Biology Research

Internal/Organ Research

Dermatology Research

[VIEW ALL RESEARCH APPLICATIONS](#)

## BASE PRICE

Starting at:

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\$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

The tail of dominant short tail heterozygotes varies from very short, approximately an eighth to a quarter of an inch and wound close to the body, to approximately half an inch and tightly kinked or curled only at the distal end. They are slightly smaller than normal littermates and some, but not all, have a white belly spot or iris colobomas or corneal holes. Female and male heterozygotes can breed and live a normal lifespan. When outcrossed to CAST/EiJ no F1 offspring or N2 offspring are found with the phenotype, while affected mutants are found when outcrossed to C3H/HeJ, but at reduced penetrance with approximately 10% or fewer affected.

### Development

### Control Suggestions

### Selected References

## Genetics

### *Dsht*

## 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](#)

#### Mating System

C57BL/6J (000664) x Heterozygote

#### Appearance

Appearance: black with shortened, kinked or curly tail

Associated genotype: *Dsht*/+

Appearance: black with normal tail

Associated genotype: +/+

#### Citation

When using the B6.Cg-*Dsht*/GrnrJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012654 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
<a href="#">Cryo Recovery</a>	Heterozygous or wildtype for <i>Dsht</i>	\$2,854.50

#### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6.Cg- <i>Dsht</i> /GrnrJ	\$2595.00
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## 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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#### LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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### Related Strains

All

By Allele

By Gene

By Collection



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# TOMORROW'S CURES



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