

## C57BL/6J-*scrn*y/GrsrJ

Stock No: 016112 | *scrawny*

 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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thinner and smaller than normal and die by approximately 4 weeks of age.

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## GENETIC OVERVIEW

Genetic Background

Generation

*scrn*y

Alele Type

Spontaneous (Not Specified)

Gene Symbol

*scrn*y

Gene Name

*scrawny*

VIEW GENETICS

## RESEARCH APPLICATIONS

Developmental Biology Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

## Details

### Detailed Description

Mice homozygous for the scrawny mutation are thinner and smaller than their heterozygous or +/+ littermates by two weeks of age and most die by four weeks of age, although a few have lived longer. Histological assessment of two male homozygotes at four weeks of age found small, pale-staining muscle fibers in the muscles of the spine and leg. Homozygotes may have a hearing deficit, as indicated by very elevated auditory brainstem response thresholds of one homozygous male tested at 17 days of age. Of 172 pups produced from heterozygous intercrosses only 30 were mutants, indicative of some embryonic lethality. This spontaneous mutation has been mapped to Chromosome 6 between *D6Mit71* and *D6Mit40*.

### Development

### Selected References

## Genetics

### *scmy*

## 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](#)

#### Citation

When using the scrawny mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #016112 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>	Progeny testing required but not provided. No genotyping assay is available for these recessive cryo-recovered animals of undefined genotype	\$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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### LICENSING INFORMATION

Phone: 207-288-6470

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

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All

By Allele

By Gene

By Collection






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