

B6.A-Ush1g^{js}/J

Stock No: **000783** | Jackson shaker

 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

000664 C57BL/6J

Ush1g^{js}

Alele Type

Gene Symbol

Gene Name

Spontaneous

Ush1g

USH1 protein network component sans

VIEW GENETICS

RESEARCH APPLICATIONS

Neurobiology Research

Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for the *Ush1g^s* allele are deaf, circle, and toss their heads from side to side. They are viable and fertile but due to their circling gait females may trample their pups and thus should not be used for breeding. No auditory brain response was detected from homozygotes at 14, 21, and 30 days of age. At 10-14 days of age the stereocilia of the outer and macular hair cells are disarrayed or missing although no abnormal phenotype is evident in inner hair cells, or in the gross anatomy of the cochlea or vestibule. The stereocilia degeneration in outer hair cells continues but the inner hair cells remain normal at 30-47 days of age. (Dickie and Deol, 1967; Kitamura et al., 1992.)

Development

Control Suggestions

Genetics

Ush1g^s

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](#)

Breeding Considerations

Do not use homozygous females for breeders as they are bad mothers and often kill the litters while running around in circles.

[Additional Breeding and Husbandry Support](#)

Appearance

black, circling

Related Genotype: *a/a Ush1g^{js}/Ush1g^{js}*

black, unaffected

Related Genotype: *a/a Ush1g^{js}/+*

Citation

When using the Jackson shaker mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000783 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 or Wild-type for Ush1g<js>	\$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

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All

By Allele

By Gene

By Collection






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TOMORROW'S CURES



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Yes No