

C57BL/6J x STOCK Rb(1.3)1Ei/JStock No: **000975** **Chromosome Aberration, Robertsonian**

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

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Chromosomes 1 and 3.

GENETIC OVERVIEW**Genetic Background****Generation****Marker(s)****Marker Symbol**

Rb(1.3)1Ei

Marker Name

Robertsonian translocation, Chr 1 and 3, Eicher 1

[VIEW GENETICS](#)**RESEARCH APPLICATIONS**

Research Tools

[VIEW ALL RESEARCH APPLICATIONS](#)**BASE PRICE**

Starting at:

\$2,854.50 Domestic price Cryo Recovery

[VIEW PRICE LIST](#)

Details

Detailed Description

Robertsonian chromosomes are bi-armed (metacentric) chromosomes formed by the joining of two single-armed (acrocentric) chromosomes at the centromere ends. Rb(1.3)1Ei is a Robertsonian chromosome composed of Chromosomes 1 and 3.

Genetics

Rb(1.3)1Ei

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

C O N T A C T T E C H N I C A L S U P P O R T

Genotyping Protocols
Genotyping resources and troubleshooting

Breeding Considerations

Cryopreserved embryos were generated from C57BL/6J females crossed with homozygous males so all cryo-recovered pups are expected to be heterozygous for Rb(1.3)1Ei. Progeny from recovered heterozygotes must be karyotyped for Rb(1.3)1Ei because it will be segregating. A protocol for karyotyping can be found at the [Cytogenetic Models Resource](#).

Additional Breeding and Husbandry Support

Citation

When using the C57BL/6J x STOCK Rb(1.3)1Ei/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000975 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

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Domestic International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Untested Heterozygous for Rb(1.3)1Ei	\$2,854.50

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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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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






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