

## RBF/DnJ

Stock No: 000726

Chromosome Aberration, Inbred Strain, Robertsonian, Translocation

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

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Mice are useful for production of antibody producing hybridomas.

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## GENETIC OVERVIEW

Genetic Background

Generation

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

Sensorineural Research

Endocrine Deficiency Research

Metabolism Research

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

## Details

### Important Note

This strain is homozygous for retinal degeneration 3, *rd3*.

### Detailed Description

The RBF inbred strain arose from crosses with wild mice, originally known as "tobacco mouse", captured in Valle di Poschiavo in S.E. Switzerland. The wild mice originally known as 'tobacco mouse' because of the coat colour. The strain was transferred to Dr. M. Davison (Dn) in 1981 and subsequently to the production colony of The Jackson Laboratory (J). Mice are homozygous for Robertsonian translocation Rb(1.3)1Bnr, Rb(8.12)5Bnr and Rb(9.14)6Bnr.

### Development

### Selected References

## Genetics

+ *Mc1r*<sup>E-tob</sup>

+ *Rd3*<sup>rd3</sup>

+ *Ahr*<sup>d</sup>

+ *Cdh23*<sup>ahl</sup>

+ Rb(9.14)6Bnr

+ Rb(8.12)5Bnr

+ Rb(1.3)1Bnr

## Disease/Phenotype

+ Disease Terms

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+ [Research Areas By Phenotype](#)

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+ [Mammalian Phenotype Terms by Genotype](#)

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+ [Phenotype Information](#)

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+ [References](#)

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## - [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

This strain is a challenging breeder.

[Additional Breeding and Husbandry Support](#)

### Mating System

Sibling x Sibling

### Appearance

albino, retinal degeneration

Related Genotype:  $Tyr^c/Tyr^c$   $Mc1r^{E-tob}/Mc1r^{E-tob}$

### Citation

When using the RBF/DnJ mouse strain in a publication, please include JAX stock #000726 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](#)*

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## - [Pricing & Availability](#)



Cryo  
Recovery

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

Pricing effective for USA, Canada and Mexico shipping destinations

## CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Inbred, 1 pair minimum will be supplied	\$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.

## Terms Of Use

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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](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection



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