

AKXD18/TyJ
Stock No: **001093**

 Recombinant Inbred (RI)

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

PLACE ORDER

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The strain distribution pattern (SDP) for RI strains is available through the Mouse Genome Informatics [Contributed Data Sets](#)

GENETIC OVERVIEW

Genetic Background

Generation

Tyrc

Alele Type

Spontaneous

Gene Symbol

Tyr

Gene Name

tyrosinase

Myo5a^d

Alele Type

Spontaneous

Gene Symbol

Myo5a

Gene Name

myosin VA

Emv3^a

Alele Type

Not Applicable

Gene Symbol

Emv3

Gene Name

endogenous ecotropic MuLV 3

Rmcf

Alele Type

Spontaneous

Gene Symbol

Rmcf

Gene Name

resistance to MCF virus

Marker(s)

Marker Symbol

Emv14

Marker Name

endogenous ecotropic MuLV 14

[VIEW GENETICS](#)

RESEARCH APPLICATIONS

Research Tools
Dermatology Research
Mouse/Human Gene Homologs

[VIEW ALL RESEARCH APPLICATIONS](#)

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

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[Details](#)

[Detailed Description](#)

This is one of 20 cryopreserved recombinant inbred (RI) strains of mice derived from the progenitor strains AKR/J and DBA/2J.

The strain distribution pattern (SDP) for RI strains is available through the Mouse Genome Informatics [Contributed Data Sets](#)

[Selected References](#)

[Genetics](#)

+ *Tyr^c*

+ *Myo5a^d*

+ *Emv3^a*

+ *Rmcf^r*

+ *Emv14*

+ *Emv11*

– Disease/Phenotype

+ Disease Terms

+ Research Areas By Phenotype

+ Mammalian Phenotype Terms by Genotype

+ Phenotype Information

+ 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](#)

Appearance

albino

Related Genotype: *Tyr^c/Tyr^c*

Citation

When using the AKXD18/TyJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001093 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	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

Related Strains

All

By Allele

By Gene

By Collection



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