

**B10;TFLe-*a/a* T *Itpr3*<sup>fl/+</sup> *Itpr3*<sup>fl/J</sup>**

Stock No: **003879**

 Segregating Inbred

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

*a*

**Alele Type**

Spontaneous

**Gene Symbol**

*a*

**Gene Name**

nonagouti

*T*

**Alele Type**

Spontaneous

**Gene Symbol**

*T*

**Gene Name**

brachyury, T-box transcription factor T

*Itpr3*<sup>fl</sup>

**Alele Type**

Spontaneous

**Gene Symbol**

*Itpr3*

**Gene Name**

inositol 1,4,5-triphosphate receptor 3

V I E W   G E N E T I C S

## RESEARCH APPLICATIONS

Dermatology Research

Developmental Biology Research

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

### Details

#### Detailed Description

This strain carries the brachyury allele (*T*) and the spontaneous *Itpr3<sup>ff</sup>* mutation, derived from the now extinct TF/Le strain, and is characterized by tail defects, hair loss and regrowth.

#### Control Suggestions

### Genetics

+ *a*

+ *T*

+ *Itpr3<sup>ff</sup>*

### 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](#)

### Appearance

black, tail defects, tufted

Related Genotype: *a/a T tf/+ tf*

black, tufted

Related Genotype: *a/a, + tf/+ tf*

### Citation

When using the B10;TFLe-*a/a T Itpr3<sup>ff</sup>/+ Itpr3<sup>ff</sup>/J* mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003879 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**

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## 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

#### 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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*Leading the search for*

# TOMORROW'S CURES



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