

B6.129S4-Tal1^{tm1Sho} /J

Stock No: **002948** | tal-1

 Congenic, Targeted Mutation

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

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Donating Investigator

The Jackson Laboratory

GENETIC OVERVIEW

Genetic Background

000664 C57BL/6J

Generation

Tal1^{tm1Sho}

Alele Type

Targeted (Null/Knockout)

Gene Symbol

Tal1

Gene Name

T cell acute lymphocytic leukemia 1

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Developmental Biology Research

Hematological Research

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

BASE PRICE

Starting at:

Details

Detailed Description

Mice homozygous for the *Tal1*^{tm1Sho} mutation die between embryonic day 9.5 and 10.5. There is a complete absence of blood formation; no hematopoietic cells could be identified by appearance, histology, colony assays, or RT-PCR for lineage-specific products.

Control Suggestions

Selected References

Genetics

Tal1^{tm1Sho}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

Standard PCR: [Tal1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

Homozygotes die between embryonic day 9.5 and 10.5. When maintaining a live colony, heterozygous mice may be bred together, to wildtype mice from the colony or to C57BL/6J inbred mice (Stock No. [000664](#)). The expected coat colors from breeding are Black, White Bellied Agouti.

[Additional Breeding and Husbandry Support](#)

Appearance

black, white-bellied agouti

Related Genotype: *a/a, A^w/?*

Citation

When using the tal-1⁻ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002948 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 Tal1<tm1Sho>	\$2,854.50

Payment Terms and Conditions

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[General Terms and Conditions](#)

Q U E S T I O N S A B O U T T E R M S O F U S E

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