

B6.Cg-Tg(TetO-Axin1,EGFP)TA6Cos/J

Stock No: 016998

 Congenic, Transgenic

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

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controlled transactivator protein (tTA), tissue *Axin1* and EGFP expression may be regulated with the tetracycline analog doxycycline (dox) in the double mutant offspring.

Donating Investigator

Frank Costantini, Columbia University Medical Center

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(TetO-Axin1,EGFP)TA6Cos

Alele Type

Transgenic (Reporter, Inducible, Inserted expressed sequence)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

Details

Detailed Description

These transgenic mice express myc-tagged mouse *Axin1* and EGFP under the control of tetO, tetracycline operator (tetracycline-responsive element, TRE). When mated to a mutant strain expressing reverse tetracycline-controlled transactivator protein (rtTA) or tetracycline-controlled transactivator protein (tTA), tissue overexpression of *Axin1* and expression of EGFP may be regulated with the tetracycline analog doxycycline (dox) in the double mutant offspring.

Mice that are hemizygous for the targeted mutation are viable, normal in size and do not display any gross physical or behavioral abnormalities. The Donating Investigator has not attempted to make this strain homozygous.

This strain may be useful in generating bi-transgenic mutant mice for the reversible, inducible overexpression of *Axin1* and the inhibition of Wnt signaling.

Development

Expression Data

Control Suggestions

Selected References

Genetics

Tg(TetO-Axin1,EGFP)TA6Cos

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

Separated PCR: [Tg\(TetO-Axin1,EGFP\)TA6Cos](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, these mice can be bred as hemizygotes. The Donating Investigator has not attempted to make this strain homozygous.

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.Cg-Tg(TetO-Axin1,EGFP)TA6Cos/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #016998 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	Hemizygous or Non Carrier for Tg(TetO-Axin1,EGFP)TA6Cos	\$2,854.50

RELATED PRODUCTS AND SERVICES		
Frozen Mouse Embryo	B6.Cg-Tg(TetO-Axin1 EGFP)TA6Cos/J	\$2595.00

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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

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

Related Strains

All

By Allele

By Gene

By Collection



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