

STOCK Tg(GFAP-TVA)5Hev/J

Stock No: 003528 | Gtv-a

 Transgenic

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

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directed by an astrocyte-specific promoter derived from the human glial fibrillary acidic protein gene.

Donating Investigator

Dr. Wendy Hively, NIH - NCI

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(GFAP-TVA)5Hev

Alele Type

Transgenic (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

This strain expresses the avian cell surface receptor(TVA) for subgroup A avian leukosis viruses. The transgene is under the control of an astrocyte-specific promoter derived from the human glial fibrillary acidic protein (*GFAP*) gene. The result is to render glial cells specifically susceptible to infection by viral vectors making possible the glia-specific viral transfer of genes.

Development

Expression Data

Genetics

Tg(GFAP-TVA)5Hev

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Standard PCR:[Tg\(GFAP-TVA\)5Hev Alternate1](#)

Standard PCR:[Tg\(GFAP-TVA\)5Hev Alternate1](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

When maintaining a live colony, hemizygous mice may be bred to wildtype mice from the colony.

[Additional Breeding and Husbandry Support](#)

Citation

When using the Gtv-a mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003528 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(GFAP-TVA)5Hev	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	STOCK Tg(GFAP-TVA)5Hev/J Frozen Embryo	\$2595.00
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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.

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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

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By Allele

By Gene

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TOMORROW'S CURES



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