

STOCK *Vmn1r49*^{tm2Mom} /MomJ

Stock No: **006632**

 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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virtue of IRES-mediated co-translation. These neurons can be revealed by the intrinsic fluorescence of GFP, or by immunofluorescence with anti-GFP antibodies.

Donating Investigator

Peter Mombaerts, Max Planck Research Unit for Neurogenetics

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GENETIC OVERVIEW

Genetic Background

Generation

Vmn1r49^{tm2Mom}

Allele Type

Gene Symbol

Gene Name

Targeted (Reporter)

Vmn1r49

vomeronasal 1, receptor 49

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

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 targeted mutant is valuable in mapping the patterns of axonal projections of vomeronasal sensory neurons. Vomeronasal sensory neurons that express the vomeronasal receptor *V1rb2* also co-express the tauGFP fusion protein by virtue of IRES-mediated co-translation. These neurons can be revealed by the intrinsic fluorescence of GFP, or by immunofluorescence with anti-GFP antibodies. The *V1rb2* gene is expressed monoallelically, and homozygotes have fluorescence in approximately twice as many vomeronasal sensory neurons as do heterozygotes.

Development

Expression Data

Selected References

Genetics

Vmn1r49^{tm2Mom}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

- 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:[Vmn1r49](#)
[Genotyping resources and troubleshooting](#)

Mating System
Homozygote x Homozygote

Citation
When using the STOCK *Vmn1r49^{tm2Mom}/MomJ* mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #006632 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



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Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous for V1rb2<tm2Mom>	\$2,854.50

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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.

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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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Yes No