

**B6;129P2-H2-M10.2<sup>tm2Mom</sup>/MomJ**

Stock No: **007878**

 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

Peter Mombaerts, Max Planck Research Unit for Neurogenetics

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## GENETIC OVERVIEW

Genetic Background

Generation

*H2-M10.2<sup>tm2Mom</sup>*

**Alele Type**

Targeted (Reporter,  
Null/Knockout)

**Gene Symbol**

*H2-M10.2*

**Gene Name**

histocompatibility 2, M region locus 10.2

VIEW GENETICS

## RESEARCH APPLICATIONS

Neurobiology Research

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 allele has green fluorescent protein fused to the C-terminus of *H2-M10.2*, permitting visualization of its expression pattern. 95% of the subset of vomeronasal sensory neurons that express *H2-Mv* genes express *H2-M10.2*. Expression of *H2-M10.2* is found in both dendrites and axons of vomeronasal sensory neurons. Immunohistochemistry shows expression at the vomeronasal organ dendrite tip, but not at synaptic terminals in the accessory olfactory bulb. At five weeks of age this protein is abundantly present at microvilli in the vomeronasal organ and can also be found in the glomeruli of the accessory olfactory bulb.

### Development

### Expression Data

### Selected References

## Genetics

### *H2-M10.2*<sup>tm2Mom</sup>

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols  
Separated PCR:H2-M10.2  
[Genotyping resources and troubleshooting](#)

Citation

When using the B6;129P2-H2-M10.2<sup>tm2Mom</sup>/MomJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007878 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



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
<a href="#">Cryo Recovery</a>	Heterozygous or Wild-type for H2-M10.2<tm2Mom>	\$2,854.50

RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	B6;129P2-H2-M10.2<tm2Mom>/MomJ	\$2595.00
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## PAYMENT TERMS AND CONDITIONS

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.

## 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.

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#### 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](mailto:TechTran@jax.org)

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All

By Allele

By Gene

By Collection



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