



# STOCK Tg(MMTV-cre)4Mam/J

Stock No: 003553 | MMTV-Cre/Line D

Transgenic



AVAILABLE

PLACE ORDER

Live mice available in varying quantities. Ask Customer Service for details.

## Overview

### Also Known As: MMTV-Cre/Line D

These MMTV-Cre/Line D mice express a transgene containing Cre recombinase with widespread expression (but not in oocytes) under control the MMTV LTR promoter.

### Donating Investigator

Dr. Lothar Hennighausen, National Institutes of Health

READ MORE +

## GENETIC OVERVIEW

Genetic Background

Generation

G3+3F45  
(2019-06-17 00:00:00)

## Tg(MMTV-cre)4Mam

Allele Type

Transgenic (Recombinase-expressing)

V I E W   G E N E T I C S

## RESEARCH APPLICATIONS

Research Tools  
Cancer 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:

\$278.00 Domestic price for female 4-week

V I E W   P R I C E   L I S T

### Details

#### Detailed Description

This transgenic strain expresses Cre recombinase under the control of the mouse mammary tumor virus (MMTV) long terminal repeat (LTR) promoter. The MMTV LTR promoter directs a widespread pattern of expression. High levels of recombination have been detected in the virgin and lactating mammary gland, salivary gland, seminal vesicle, skin, erythrocytes, B cells and T cells. Little background recombination was observed in the lung, kidney, liver and brain tissues (less than 10%). The donating investigator indicates that this strain may be suitable for use in applications where it is desirable to delete genes in the virgin and lactating mammary gland, skin, erythroid cells, and other secretory tissues and skin.

#### Development

#### Expression Data

#### Control Suggestions

#### Selected References

### Genetics

#### Tg(MMTV-cre)4Mam

## – Disease/Phenotype

+ Disease Terms

+ Research Areas By Genotype

+ Mammalian Phenotype Terms by Genotype

+ References

## – Technical Support

C H A T   O  F L I N E

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

QPCR: [Generic Cre](#)

Standard PCR: [Generic Cre](#)

[Genotyping resources and troubleshooting](#)

### Dietary Information

LabDiet® 5K52 formulation (6% fat)

### Breeding Considerations

When maintaining the live colony, homozygous mice may be bred together.

[Additional Breeding and Husbandry Support](#)

### Mating System

Homozygote x Homozygote

### Citation

When using the MMTV-Cre/line D mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003553 in your Materials and Methods section.

[Facility Barrier Level Descriptions](#)

 [AX11 \(Maximum\)](#)

## – Pricing & Availability



Live mice available in varying quantities. Ask Customer Service for details.

Available

## Domestic **International**

Pricing effective for USA, Canada and Mexico shipping destinations

### Live Mouse

AGE	SEX	GENOTYPE	PRICE
4 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00

	SEX	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
5 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
6 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
7 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
8 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
9 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
10 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
11 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
12 weeks	Female	Homozygous for Tg(MMTV-cre)4Mam	\$278.00
	Male	Homozygous for Tg(MMTV-cre)4Mam	\$278.00

## Related Products and Services

Frozen Mouse Embryo	STOCK Tg(MMTV-cre)4Mam/J Frozen Embryos	\$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.

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## Terms Of Use

### Terms of Use

[General Terms and Conditions](#)

QUESTIONS ABOUT TERMS OF USE

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Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

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All

By Allele

By Gene

By Collection

All Related Strains



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