

## B6.FVB-Tg(Ucp1-cre)1Evdr/J

Stock No: **024670**

 Congenic, Transgenic

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

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### Donating Investigator

Evan D Rosen, Beth Israel Deaconess Medical Center and Harvard Medical School

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## GENETIC OVERVIEW

### Genetic Background

### Generation

N13+pN17  
(2018-06-12 00:00:00)

## Tg(Ucp1-cre)1Evdr

### Alele Type

Transgenic (Recombinase-expressing)

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$255.00 Domestic price for female 4-week

333.51 Domestic price for breeder pair

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

## Details

### Detailed Description

These transgenic mice express Cre recombinase under the control of the mouse *Ucp1*, uncoupling protein 1 (mitochondrial, proton carrier), promoter. Transgene expression is detected in interscapular brown fat at room temperature, and after 6 days of cold exposure (at 4°C) in inguinal and epididymal white adipose tissue. Hemizygotes are viable, fertile and exhibit normal body weight and energy expenditure. During backcrossing, the Y chromosome may not have been fixed to the C57BL/6J genetic background. The Donating Investigator has not attempted to make the strain homozygous.

### Development

### Expression Data

### Control Suggestions

## Genetics

### Tg(Ucp1-cre)1Evdr

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

Separated PCR: [Tg\(Ucp1-cre\)1Evdr](#)

Standard PCR: [Tg\(Ucp1-cre\)1Evdr-Alternate 1](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

When maintaining a live colony, hemizygous mice may be bred together, to wildtype siblings, or to C57BL/6J inbred mice (Stock No. [000664](#)). The Donating Investigator has not attempted to make the strain homozygous.

#### [Additional Breeding and Husbandry Support](#)

##### Mating System

Hemizygote x Noncarrier

Noncarrier x Hemizygote

##### Citation

When using the B6.FVB-Tg(Ucp1-cre)1Evdr/J mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #024670 in your Materials and Methods section.

#### Animal Health Reports

[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	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
4 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
5 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00

5 weeks	Female	Noncarrier	\$78.51
	SEX		
	Male	Noncarrier	\$78.51
6 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
6 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
7 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
7 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
8 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
8 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
9 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
9 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
10 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
10 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
11 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
11 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51
12 weeks	Female	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
	Male	Hemizygous for Tg(Ucp1-cre)1Evdr	\$255.00
12 weeks	Female	Noncarrier	\$78.51
	Male	Noncarrier	\$78.51

BREEDER PAIR			
SEX	GENOTYPE		PRICE
Female	Hemizygous for Tg(Ucp1-cre)1Evdr		\$333.51
Male	Noncarrier		
Female	Noncarrier		\$333.51
Male	Hemizygous for Tg(Ucp1-cre)1Evdr		

## RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo

B6.FVB-Tg(Ucp1-cre)1Evd/J Frozen Embryo

\$2595.00

## PAYMENT TERMS AND CONDITIONS

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Phone: 207-288-6470

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

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[Please note specific policy for live mice.](#)

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