

**B6C3FeF1/J a/a**

Stock No: **001022**

 F1 Or F2 Hybrid

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

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polygenic diseases, to determine the mode of inheritance, and to provide physiological buffering (present a broader array of responses to various stresses).

READ MORE +

## GENETIC OVERVIEW

### Genetic Background

### Generation

[offspring all all F1-hybrid](#)  
(2021-04-05 00:00:00)

*a*

### Alele Type

Spontaneous

### Gene Symbol

*a*

### Gene Name

nonagouti

*Pde6b<sup>rd1</sup>*

### Alele Type

Spontaneous

### Gene Symbol

*Pde6b*

### Gene Name

phosphodiesterase 6B, cGMP, rod receptor, beta polypeptide

VIEW GENETICS

## RESEARCH APPLICATIONS

Sensorineural Research

Mouse/Human Gene Homologs

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$205.90 Domestic price for female 4-week

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

### Details

#### Detailed Description

These F1 (first filial generation) hybrid mice are the offspring of a cross between C57BL/6J females (B6) and C3FeLe.B6-*a* males (C3Fe). F1 hybrid mice are heterozygous at all loci (assuming the parental strains have different alleles), and like inbred mice they are genetically and phenotypically uniform. F1 hybrids are often used for hybrid vigor, as a background for some deleterious mutations, for tissue transplantation, to determine the mode of inheritance, to create or enhance expression of polygenic diseases, and to provide physiological buffering (present a broader array of responses to various stresses).

#### Development

### Genetics

#### *a*

#### *Pde6b<sup>rd1</sup>*

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

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

[Genotyping resources and troubleshooting](#)

Dietary Information

New Diet as of March 2015: Lab Diet® 5K0Q (6% fat)

Mating System

TJL Breeding Summary: C57BL/6J (000664) x C3FeLe.B6-a (000198)

Appearance

black

Related Genotype: *a/a Pde6b<sup>rd1</sup> /+*

Citation

When using the B6C3FeF1/J *a/a* mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #001022 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 AX10 (Standard)

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	PRICE
4 weeks	Female	\$205.90
	Male	\$205.90

5 weeks	SEX	\$205.90
	Male	\$205.90
6 weeks	Female	\$205.90
	Male	\$205.90
7 weeks	Female	\$205.90
	Male	\$205.90
8 weeks	Female	\$205.90
	Male	\$205.90
9 weeks	Female	\$205.90
	Male	\$205.90
10 weeks	Female	\$205.90
	Male	\$205.90
11 weeks	Female	\$205.90
	Male	\$205.90
12 weeks	Female	\$205.90
	Male	\$205.90

## 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.

## Terms Of Use

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[General Terms and Conditions](#)

QUESTIONS ABOUT TERMS OF USE

## LICENSING INFORMATION

Phone: 207-288-6470

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

### ☰ Related Strains

All

By Allele

By Gene

By Collection



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# TOMORROW'S CURES



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