

B6.Cg-Cep290^{rd16}/Boc **FACULTY STRAIN**

Stock No: 012283

 Congenic, Spontaneous Mutation

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early as 19 days of age. White retinal vessels appear at one month of age and large pigment patches are found at two months of age. This strain is useful for studies of the mechanism of early-onset photoreceptor degeneration

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GENETIC OVERVIEW

Genetic Background

Generation

N5F?+F24
(2020-04-23 00:00:00)

Cep290^{rd16}

Alele Type

Gene Symbol

Gene Name

Spontaneous (Hypomorph)

Cep290

centrosomal protein 290

VIEW GENETICS

RESEARCH APPLICATIONS

Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$277.98 Domestic price for female

Details

Detailed Description

Degeneration of outer segments and decreased thickness of the outer nuclear layer of the retina is found in homozygotes as early as 19 days of age, but other cellular layers do not appear to be involved. White retinal vessels appear at one month of age and large pigment patches are found at two months of age.

Development

Selected References

Genetics

Cep290^{d16}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Mating System

Homozygote x Homozygote

Citation

When using the B6.Cg-*Cep290*^{rd16}/Boc mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012283 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

 [MGL277 \(Low\)](#)

➤ Pricing & Availability



Availability
Varies

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

LIVE MOUSE

AGE	SEX	GENOTYPE	PRICE
Approx 4-8 weeks	Female	Homozygous for <i>Cep290</i> ^{rd16}	\$277.98
	Male	Homozygous for <i>Cep290</i> ^{rd16}	\$277.98

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Phone: 207-288-6470

Email: TechTran@jax.org

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