

## B6.129S1-*Cnga2*<sup>tm1Ngai</sup> /J

Stock No: **002905** | olfactory CNG channel KO

 Congenic, 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

Dr. Lisa Brunet, Univ of California at Berkeley

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## GENETIC OVERVIEW

Genetic Background

Generation

*Cnga2*<sup>tm1Ngai</sup>

Alele Type

Gene Symbol

Gene Name

Targeted (Null/Knockout)

*Cnga2*

cyclic nucleotide gated channel alpha 2

VIEW GENETICS

## RESEARCH APPLICATIONS

Neurobiology Research  
Sensorineural Research  
Cell Biology Research

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

Heterozygous females are normal. Hemizygous males usually die within 1-2 days of birth from an apparent failure to suckle. A few (~1%) survive to adulthood. They will mate and are fertile. They are completely anosmic. This is an X-linked gene.

#### Development

#### Control Suggestions

#### Selected References

### Genetics

#### *Cnga2*<sup>tm1Ngai</sup>

### Disease/Phenotype

#### Disease Terms

#### Research Areas By Phenotype

#### Mammalian Phenotype Terms by Genotype

#### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

Standard PCR: [Cnga2](#)

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

This is an X-linked gene. Knockout (hemizygous) males usually die within 1-2 days of birth from an apparent failure to suckle.

[Additional Breeding and Husbandry Support](#)

#### Citation

When using the olfactory CNG channel KO mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #002905 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



Cryo  
Recovery

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>	X linked - Heterozygous or Wild-type for <a href="#">Cnga2</a> <tm1Ngai>, 1 pair minimum	\$2,854.50

#### Payment Terms and Conditions

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### Terms Of Use

[General Terms and Conditions](#)

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