

B6;AKR-Lx12/GrsrJStock No: **004502** | luxate-like 2 [Spontaneous Mutation](#)

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four limbs and the rear legs are oriented backward. Severe arthritis of the knee was observed in one female, but no other histological lesions were seen.

GENETIC OVERVIEW

Genetic Background**Generation***Lx12***Alele Type**

Spontaneous

Gene Symbol*Lx12***Gene Name**

luxate-like 2

*Cdh23^{ahl}***Alele Type**

Spontaneous

Gene Symbol*Cdh23***Gene Name**

cadherin 23 (otocadherin)

[VIEW GENETICS](#)

RESEARCH APPLICATIONS

Neurobiology Research

Sensorineural Research

Developmental 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

Important Note

Strain may be assorting $Tyr^c/+$, so intercrossing may produce albino progeny. It may also be assorting $Cdh23^{ahl}/+$, age related hearing loss 1.

Detailed Description

This dominant mutation causes the animal to present with all four limbs at odd angles to the body. There are extra toes on all four limbs and the rear legs are oriented backward. Severe arthritis of the knee was observed in one female, but no other histological lesions were seen.

Development

Control Suggestions

Selected References

Genetics

$Lx/2$

$Cdh23^{ahl}$

Disease/Phenotype

Disease Terms

[+ Research Areas By Phenotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

[- 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](#)

Appearance

black, affected

Related Genotype: *a/a Lx/2/+*

black, unaffected

Related Genotype: *a/a +/+*

Citation

When using the luxate-like 2 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #004502 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

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CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Heterozygous or Wild-type for Lxl2	\$2,854.50

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Email: TechTran@jax.org

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All

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By Collection



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