Overview

Also Known As: waved 3 Jackson

These mice carry a remutation of the \textit{Ppp1r13l} gene and are characterized by cardiomyopathy, including abnormal hair and damaged eyes.
GENETIC OVERVIEW

Genetic Background

Generation

Ppp1r13l

Allele Type | Gene Symbol | Gene Name
------------|-------------|-------------
Spontaneous | Ppp1r13l    | protein phosphatase 1, regulatory subunit 13 like

RESEARCH APPLICATIONS

Dermatology Research
Cardiovascular Research
Developmental Biology Research
Reproductive Biology Research

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Homozygotes have a coat that is sparse but not wavy. They are born with their eyelids open and develop vascular corneas. They also develop early-onset cardiomyopathy, which leads to congestive heart failure. Female homozygotes have not successfully bred and male homozygotes have significantly reduced fertility, producing one or two litters in their lifetime at best.

Development

Control Suggestions

Selected References

Genetics
Genotyping Protocols
Sanger sequencing: Ppp1r13l Alternate1
Genotyping resources and troubleshooting

Citation
When using the waved 3 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #007971 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
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<td>Cryo Recovery</td>
<td>Heterozygous for Ppp1r13l&lt;wa3-J&gt;</td>
<td>$2,854.50</td>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains