

**B6.Cg-pwhl/KjnJ**Stock No: **016124** Congenic, Spontaneous Mutation

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

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## GENETIC OVERVIEW

**Genetic Background****Generation**

000664 C57BL/6J

*pwhl***Allele Type****Gene Symbol****Gene Name**

Spontaneous (Not Specified)

*pwhl*

pinwheel

[V I E W G E N E T I C S](#)

## RESEARCH APPLICATIONS

Sensorineural Research

[V I E W A L L R E S E A R C H A P P L I C A T I O N S](#)

## BASE PRICE

Starting at:

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\$2,854.50 Domestic price Cryo Recovery

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## Details

### Detailed Description

Mice homozygotes for the recessive spontaneous mutation pinwheel display moderate bidirectional circling and difficulty orienting in water to swim, indicative of a vestibular defect. However, auditory brainstem response analysis did not detect any hearing loss relative to age-matched controls. This heritable phenotype has been mapped to an interval between D4Mit170 and D4Mit33.

### Development

### Control Suggestions

### Selected References

## Genetics

### *pwhl*

## Disease/Phenotype

### Disease Terms

### Research Areas By Phenotype

### Mammalian Phenotype Terms by Genotype

### References

## Technical Support

### CONTACT TECHNICAL SUPPORT

#### Genotyping Protocols

[Genotyping resources and troubleshooting](#)

#### Breeding Considerations

Because the circling of the homozygote can interfere with the rearing of the pups it is best to remove the homozygous male before birth.

[Additional Breeding and Husbandry Support](#)

#### Mating System

Heterozygote x Homozygote

#### Citation

When using the B6.Cg-*pwh1*/KjnJ mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #016124 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>	Heterozygous for nm2221	\$2,854.50

## 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.

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#### LICENSING INFORMATION

Phone: 207-288-6470

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

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All

By Allele

By Gene

By Collection






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