

**C57BL/6J-Chr 1<sup>PWD/Ph</sup>/ForeJ**

Stock No: **005259** | B6.PWD-Chr1

 Consomic

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

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strains with C57BL/6J as background.

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## GENETIC OVERVIEW

Genetic Background      Generation

000664 C57BL/6J

VIEW GENETICS

## RESEARCH APPLICATIONS

Research Tools

VIEW ALL RESEARCH APPLICATIONS

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

VIEW PRICE LIST

## Details

### Important Note

This member of the strain set is segregating a small C57BL/6J region in the donor chromosome. The region is identified with the SNP marker *rs3677697*.

### Detailed Description

This strain represents one of a panel of inter-species chromosome substitution (or consomic) strains (IC-ISS). Each strain carries a chromosome from the *Mus musculus musculus* wild-derived strain PWD/Ph introgressed into a *Mus musculus domesticus* C57BL/6J background. The two species are believed to have diverged 350,000 to one million years ago and exhibit multiple genetic and phenotypic differences. The strain set also includes a conplastic strain (mt<sup>PWD/Ph</sup>) created by sequential backcrossing of the donor female to the host male. A conplastic strain carries the mitochondrial genome of the donor strain. The IC-ISS strains represent a tool for dissection of quantitative trait loci.

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### Development

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### Control Suggestions

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### Selected References

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## Genetics

Currently there are no related genes or alleles for this strain.

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## Disease/Phenotype

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### Disease Terms

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### Research Areas By Phenotype

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### Mammalian Phenotype Terms by Genotype

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### Phenotype Information

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### References

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## 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

Related Genotype: *a/a*

### Citation

When using the B6.PWD-Chr1 mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #005259 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>	Consomic	\$2,854.50

### RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	C57BL/6J-Chr 1<PWD/Ph>/ForeJ Frozen Embryos	\$2595.00
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## 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.

### Terms Of Use

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Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

#### ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

#### LICENSING INFORMATION

Phone: 207-288-6470

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

### Related Strains

All

By Allele

By Gene

By Collection






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# TOMORROW'S CURES



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