Overview

Also Known As: B6.PWD-Chr3
Chromosome 3 from PWD/Ph has replaced the homologous chromosome of C57BL/6J in this strain of the set of consomic strains with C57BL/6J as background.

GENETIC OVERVIEW

Genetic Background

Generation

000664 C57BL/6J

RESEARCH APPLICATIONS

Research Tools

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
**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 markers rs-3720182-rs4224200.

**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-PWD/Ph) 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.

**Development**

**Selected References**

**Genetics**

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

**Disease/Phenotype**

**Disease Terms**

**Research Areas By Phenotype**

**Mammalian Phenotype Terms by Genotype**

**Phenotype Information**

**References**

**Technical Support**
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
black
Related Genotype: a/a

Citation
When using the B6.PWD-Chr3 mouse strain in a publication, please cite the originating article(s) and include JAX stock #005518 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

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>
<th>PRICE</th>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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