Also Known As: B6.PWD-Chr19

Chromosome 19 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.

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.
Important Note
This member of the strain set is homozygous for a small C57BL/6J region in the donor chromosome. The region is identified with the MIT marker D19Mit6.

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.
GENOTYPING PROTOCOLS
Genotyping Resources and Troubleshooting

Appearance
black
Related Genotype: a/a

Citation
When using the B6.PWD-Chr19 mouse strain in a publication, please cite the originating article(s) and include JAX stock #005269 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.

CRYORECOVERY - DOMESTIC PRICING

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Consomic</td>
<td>$2,854.50</td>
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RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo  C57BL/6J-Chr 19<PWD/Ph>/ForeJ Frozen Embryos $2595.00

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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

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains