Overview

Also Known As: B6.PWD-Chr9

Chromosome 9 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.
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 SNP marker rs13480204.

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.

Development

Selected References

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

Disease/Phenotype
Related Products and Services

Frozen Mouse Embryo
C57BL/6J-Chr 9<PWD/Ph>/ForeJ Frozen Embryos
$2595.00

Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
black
Related Genotype: a/a

Citation
When using the B6.PWD-Chr9 mouse strain in a publication, please cite the originating article(s) and include JAX stock #005262 in your Materials and Methods section.

Animal Health Reports
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.

Domestic Internation
Pricing effective for USA, Canada and Mexico shipping destinations

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<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Cryorecovery</td>
<td>Consomic</td>
<td>$2,854.50</td>
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Related Products and Services

Frozen Mouse Embryo
C57BL/6J-Chr 9<PWD/Ph>/ForeJ Frozen Embryos
$2595.00
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains