B6.CAST-(rs13476318-rs13476395)/LusJ

Stock No: 006059

Congenic

CRYO RECOVERY

PLACE ORDER

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

Also Known As: B6.CAST-Chr2P

This strain is one of a set of overlapping congenic strains called genome-tagged mice (GTM). Each member of the panel carries an average of a 23 cM segment (range 8 to 58 cM) from CAST/Ei introgressed on to a C57BL/6J background. GTM are a valuable resource for mapping and confirmation of loci contributing to complex traits.

GENETIC OVERVIEW

Genetic Background

Generation

RESEARCH APPLICATIONS

Research Tools

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

This C57BL/6J congenic carries the proximal portion of chromosome 2 from CAST/Ei. The Mit or SNP (rs) markers in the strain name define the congenic interval. Marker-assisted breeding was used to construct a set of overlapping congenic strains called genome-tagged mice (GTM) that span the entire mouse genome. Each member of the panel carries an average of a 23 cM segment (range 8 to 58 cM) from CAST/Ei introgressed on to a C57BL/6J background. The segments represent the distal (D), middle (M), and proximal (P) portions of all or most of a given chromosome. (Iakoubova OA, et. al., 2001) GTM are a valuable resource for mapping and confirmation of loci contributing to complex traits.

The Jackson Laboratory is working with Dr. Lusis' group to import and make available additional strains in the panel.

Development
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

References

Technical Support

Genotyping Protocols

Genotyping resources and troubleshooting

Appearance
black
Related Genotype: a/a

Citation

When using the B6.CAST-(rs13476318-rs13476395)/LusJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #006059 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

Cryo Recovery

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>
</tr>
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<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Homozygous, 1 pair minimum</td>
<td>$2,854.50</td>
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Related Products and Services

| Frozen Mouse Embryo | B6.CAST-(rs13476318-rs13476395)/LusJ Frozen Embryos | $2,595.00 |

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.

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains