This stock carries three mutant genes, \( Oca2^p \), \( Hps5^{nu2} \) on Chromosome 7, and \( Ednrb^b \) on Chromosome 14.
### GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
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</table>

#### Oca2<sup>+</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Oca2</td>
<td>oculocutaneous albinism II</td>
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</table>

#### a

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>a</td>
<td>nonagouti</td>
</tr>
</tbody>
</table>

#### Hps5<sup>u2</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Hps5</td>
<td>HPS5, biogenesis of lysosomal organelles complex 2 subunit 2</td>
</tr>
</tbody>
</table>

#### Ednrb<sup>8</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Ednrb</td>
<td>endothelin receptor type B</td>
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</tbody>
</table>

### RESEARCH APPLICATIONS

- Mouse/Human Gene Homologs
- Neurobiology Research
- Dermatology Research
- Hematological Research
- Internal/Organ Research
- Developmental Biology Research
- Sensorineural Research

### BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery
Detailed Description

This stock carries three mutant genes, Oca2<sup>p</sup>, Hps5<sup>ru2</sup> on Chromosome 7, and Ednrb<sup>s</sup> on Chromosome 14.

Genetics

Oca2<sup>p</sup>

Hps5<sup>ru2</sup>

Ednrb<sup>s</sup>

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols
Genotyping resources and troubleshooting

Citation

When using the B6 x STOCK-a-Oca2<sup>p</sup> Hps5<sup>ru2</sup> Ednrb<sup>s</sup>/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #000577 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
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

### Cryo Recovery - Domestic Pricing

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Oca2&lt;sup&gt;p&lt;/sup&gt;, Heterozygous for Hps5&lt;sup&gt;ru2&lt;/sup&gt;, Heterozygous for Ednrb&lt;sup&gt;s&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

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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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**Terms Of Use**

**License Information**

Phone: 207-288-6470
Email: TechTran@jax.org

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