The underwhite 6 Jackson mutation is a model of type IV oculocutaneous albinism that causes a dirty white coat color on this otherwise agouti or non-agouti background along with hypopigmentation of the skin and eyes.
GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Slc45a2&lt;sub&gt;uw-6J&lt;/sub&gt;</td>
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</tbody>
</table>

**Allele Type**

- Spontaneous

**Gene Symbol**

- Slc45a2

**Gene Name**

- solute carrier family 45, member 2

RESEARCH APPLICATIONS

Dermatology Research

Mouse/Human Gene Homologs

BASE PRICE

Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Dermatology Research

Mouse/Human Gene Homologs

Mice homozygous for the underwhite 6 Jackson mutation have a dirty white colored coat whereas their heterozygous siblings are normal agouti or black colored. Homozygotes can be identified as pups by their light colored skin compared with heterozygous littermates. The eyes are red, but darken with age.

Development

Selected References

Genetics

Slc45a2<sub>uw-6J</sub>
Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

CHAT OFFLINE

CONTACT TECHNICAL SUPPORT

Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the B6;CAST-Slc45a2<uw-6J>/GrsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #019145 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.

Domestic
Pricing effective for USA, Canada and Mexico shipping destinations

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Slc45a2&lt;uw-6J&gt;</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

Frozen Mouse Embryo

Related Products and Services

B6;CAST-Slc45a2<uw-6J>/GrsrJ Frozen Embryo

$2595.00
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

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