Also Known As: B6 Thy1.1
This C57BL/6J congenic strain is useful because it carries the T lymphocyte specific Thy1\(^a\) (Thy1.1) allele. Donor T cells can be easily distinguished from recipient T cells by both flow cytometric and histological analysis using appropriate antibodies.

Donating Investigator
Dr. Marianna Cherry, JAX

### GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
<td>Contact Technical Support</td>
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<td>(2018-07-27 00:00:00)</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Not Applicable</td>
<td>Thy1</td>
<td>thymus cell antigen 1, theta</td>
</tr>
</tbody>
</table>
RESEARCH APPLICATIONS
Immunology, Inflammation and Autoimmunity Research
Research Tools

BASE PRICE
Starting at:
$71.66 Domestic price for male 4-week

Details

**Detailed Description**
This C57BL/6J congenic strain is useful because it carries the T lymphocyte specific $Thy^{1a}$ (Thy1.1) allele. Donor T cells can be easily distinguished from recipient T cells by both flow cytometric and histological analysis using appropriate antibodies.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**$Thy^{1a}$**
Genotyping Protocols
End Point Analysis: Thy1 End Point
Genotyping resources and troubleshooting

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations
This strain is a good breeder.

Additional Breeding and Husbandry Support
Mating System
Sibling x Sibling

Appearance
black

Related Genotype: a/a

Citation
When using the B6 Thy1.1 mouse strain in a publication, please cite the originating article(s) and include JAX stock #000406 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions

- AX8 (Standard)

Pricing & Availability
Sized to accommodate orders of up to 50 or more. Ask Customer Service for details.
Live Mouse

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
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<td>$71.66</td>
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