This C57BL/6ByJ substrain, closely related to C57BL/6NJ, does not have the nicotinamide nucleotide transhydrogenase (Nnt) gene deletion found in C57BL/6J, and does have the Crb1 mutation that is absent from C57BL/6J.

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

**Overview**

**Also Known As:** Black 6 Bailey, C57 Bailey, B6

**GENETIC OVERVIEW**

**Genetic Background**

**Generation**

**RESEARCH APPLICATIONS**

- **Research Tools**
- **Metabolism Research**
- **Developmental Biology Research**
- **Sensorineural Research**
- **Cell Biology Research**
- **Mouse/Human Gene Homologs**

**BASE PRICE**

**Starting at:**

$2,854.50 Domestic price Cryo Recovery

**VIEW GENETICS**

**VIEW ALL RESEARCH APPLICATIONS**

**VIEW PRICE LIST**
5 SNP differences have been identified that distinguish C57BL/6J from C57BL/6ByJ and C57BL/6NJ. Both C57BL/6ByJ and C57BL/6NJ type as follows: 08-015199792-M is C; 11-004367508-M is A; 13-041017317-M is C; 15-057561875-M is G; 19-049914266-M is T. C57BL/6J types as follows: 08-015199792-M is T; 11-004367508-M is G; 13-041017317-M is T; 15-057561875-M is A; 19-049914266-M is G (Petkov and Wiles, 2005.)
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
black
Related Genotype: a/a

Citation
When using the Black 6 Bailey mouse strain in a publication, please include JAX stock #001139 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.

<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>Inbred, 1 pair minimum will be supplied</td>
<td>$2,854.50</td>
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Related Products and Services

<table>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tr>
<td>Frozen Mouse Embryo</td>
<td>C57BL/6ByJ Frozen Embryos</td>
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

A/J
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Related By: Ahr

BALB/cByJ
Stock No: 001026
Related By: Ahr

C3H/HeJ
Stock No: 000659 | C3H
Related By: Ahr