B6. Coghtl / Ntrd1sgrsr J

Stock No: 004684 | Chocolate-like

- Congenic
- Spontaneous Mutation
- Targeted Mutation

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: Chocolate-like
The *chtl*, chocolate-like, spontaneous mutation was discovered at The Jackson Laboratory in 1998 in the B6.129P2-*Nos2*<sup>tm1Lau</sup>/J (Stock # 002609) strain at generation N7F4+F16. These mice also carry the *Nos2*<sup>tm1Lau</sup> targeted mutation.

**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
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<tbody>
<tr>
<td><em>Nos2</em>&lt;sup&gt;tm1Lau&lt;/sup&gt;</td>
<td></td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td><em>Nos2</em></td>
<td>nitric oxide synthase 2, inducible</td>
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<tr>
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<td>Spontaneous</td>
<td><em>chtl</em></td>
<td>chocolate-like</td>
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**RESEARCH APPLICATIONS**

Dermatology Research
Immunology, Inflammation and Autoimmunity Research
Neurobiology Research

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

**Important Note**

This strain is homozygous for *Nos2*<sup>tm1Lau</sup>.

**Detailed Description**

This mutant has an overall lighter coat, tail and ears than a black +/+ control. Both males and females breed and it is maintained as a homozygous stock.
Genotyping Protocols

Standard PCR:

Genotyping resources and troubleshooting

Appearance
dark brown
Related Genotype: a/a chtl/chtl

Citation
When using the Chocolate-like mouse strain in a publication, please cite the originating article(s) and include JAX stock #004684 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
Related Products and Services

<table>
<thead>
<tr>
<th>Service/Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frozen Mouse Embryo</td>
<td>B6.Cg-chtl Nos2&lt;tm1Lau&gt;-chtl</td>
<td>$2,854.50</td>
</tr>
</tbody>
</table>

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

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains