B6. Coght / Ntr1Lgr2rsrJ

Stock No: 004684 | Chocolate-like

Congenic, Spontaneous Mutation, Targeted Mutation

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^{tm1Lau}/J (Stock # 002609) strain at generation N7F4+F16. These mice also carry the Nos2^{tm1Lau} targeted mutation.

**GENETIC OVERVIEW**

**Gene Symbol** | **Gene Name**
--- | ---
Nos2 | nitric oxide synthase 2, inducible

**Allele Type** | **Gene Symbol** | **Gene Name**
--- | --- | ---
Targeted (Null/Knockout) | Nos2 | nitric oxide synthase 2, inducible

**chtl**

**Allele Type** | **Gene Symbol** | **Gene Name**
--- | --- | ---
Spontaneous | chtl | chocolate-like

**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^{tm1Lau}.

**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: \texttt{Nos2alternate4}
Genotyping resources and troubleshooting

Appearance
dark brown
Related Genotype: \texttt{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.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, \texttt{G200}

Pricing & Availability
Cryo Recovery

Related Products and Services

| Frozen Mouse Embryo | B6.Cg-chtl Nos2<tm1Lau>/GrsrJ Frozen Embryo | $2595.00 |

Pricing effective for USA, Canada and Mexico shipping destinations

Cryorecovery - Domestic Pricing

<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>Heterozygous for Nos2&lt;tm1Lau&gt;-chtl</td>
<td>$2,854.50</td>
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Terms Of Use

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains