B6;129S-Cyp7b1^tm1Rus/J

Additional Use Restrictions Apply

Stock No: 016108

Targeted Mutation

Overview

In this strain, a neomycin resistance cassette replaces part of exon 6 of the endogenous Cyp7b1 gene. These mice are useful for studying cholesterol and bile acid metabolism, oxysterol synthesis and breakdown, macrophage function, and B cell trafficking and activation in the immune system.

Genetic overview

Genetic Background  Generation

Cyp7b1^tm1Rus

<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>Cyp7b1</td>
<td>cytochrome P450, family 7, subfamily b, polypeptide 1</td>
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</tbody>
</table>

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