B6.129S2(Cg)-Fut7<sup>tm1,bld</sup> Fut4<sup>tm1,bld</sup>/J

Additional Use Restrictions Apply

Stock No: 013152

Congenic, Targeted Mutation

Overview

In this strain the catalytic domains of the fucosyltransferase 4 (Fut4) gene and the fucosyltransferase 7 (Fut7) gene were replaced with neomycin resistance (neo) cassettes, abolishing gene function. These mice may be useful for studying leukocyte recruitment and lymphocyte homing.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
</table>

**Fut4<sup>tm1,bld</sup>**

<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>Fut4</td>
<td>fucosyltransferase 4</td>
</tr>
</tbody>
</table>

**Fut7<sup>tm1,bld</sup>**

<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>Fut7</td>
<td>fucosyltransferase 7</td>
</tr>
</tbody>
</table>

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