STOCK Tgfb3^tm2tgfb1^{1Vik}/J

Additional Use Restrictions Apply

Stock No: 018624

Targeted Mutation

Overview

The Tgfb3 gene is replaced with a Tgfb1 cDNA in these mice, abolishing Tgfb3 expression. TGFB1 expression partially rescues the clefting phenotype associated with Tgfb3 disruption. These mice may be suitable for use in studies examining the isoform-specific roles of transforming growth factors.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tgfb3^tm2tgfb1^{1Vik}</strong></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 (Inserted expressed sequence, Null/Knockout)</td>
<td>Tgfb3</td>
<td>transforming growth factor, beta 3</td>
</tr>
</tbody>
</table>

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