B6;129-Smad1^tm1Abr/J

Stock No: 008366

Targeted Mutation

Overview

These mice possess loxP sites on either side of exon 2 in the Smad1, MAD homolog 1 (Drosophila) gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific expression of the gene. Literature associated with this gene suggests the mice may be useful in studies of reproduction, development, the cardiovascular system and cancer.

Genetic overview

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

**Smad1^tm1Abr**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Conditional ready (e.g. floxed), No functional change)</td>
<td>Smad1</td>
<td>SMAD family member 1</td>
</tr>
</tbody>
</table>

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