STOCK Ascl1 tmReed/J

Stock No: 012881

Targeted Mutation

Overview

In this strain the entire coding region of the endogenous mouse achaete-scute complex homolog 1 (Ascl1 or Mash1) is replaced with a nuclear localized green fluorescent protein (GFP), abolishing gene function. These mice may be useful for studying the lineage of distinct cell populations, neuronal turnover, and neuronal replacement upon traumatic injury.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ascl1 tmReed</td>
<td></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 (Null/Knockout, Reporter)</td>
<td>Ascl1</td>
<td>achaete-scute family bHLH transcription factor 1</td>
</tr>
</tbody>
</table>

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