STOCK Ptc1 \(^{tm1Mps/J}\)

**Additional Use Restrictions Apply**

Stock No: 003081 | ptc-lacz

**Targeted Mutation**

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**Overview**

**Also Known As: ptc-lacz**

In this reporter targeted mutant strain a promoterless lacZ-neo fusion gene was inserted at the start codon and deleted a portion of exon 1 and all of exon 2 of the Ptc1 (patched homolog 1) gene. Expression of the inserted lacZ gene served as an accurate reporter in heterozygotes but was found to be derepressed in homozygous mutant mice.

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**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(F^{7+}N1F25) (02-APR-18&lt;)</td>
</tr>
</tbody>
</table>

**Ptc1 \(^{tm1Mps}\)**

<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>Ptc1</td>
<td>patched 1</td>
</tr>
</tbody>
</table>

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