129-Sirt3<sup>tm1.1Fwa/J</sup>

**Additional Use Restrictions Apply**

Stock No: 012755 | Sirt3

**Targeted Mutation**

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**Overview**

**Also Known As: Sirt3<sup>+</sup>**

The SIRT3 knock-out allele abolishes sirtuin 3 expression. These mice may be useful in studying the role of fatty acid oxidation in diabetes, cardiovascular disease, steatosis, fasting, cold exposure and life span.

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**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>F7/N11F10</td>
<td>(06-JUL-17+)</td>
</tr>
</tbody>
</table>

**Sirt3<sup>tm1.1Fwa</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>Sirt3</td>
<td>sirtuin 3</td>
</tr>
</tbody>
</table>

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