B6.Cg-Rag1\textsuperscript{tmMom} Ins2 \textsuperscript{Akita}/J

**Additional Use Restrictions Apply**

Stock No: 004369

- Congenic, Spontaneous Mutation, Targeted Mutation

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**Overview**

These Akita Rag1 double mutant mice exhibit the diabetes phenotype in the absence of B and T cells, and do not reject allografts.

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**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ins2 Akita</strong></td>
<td></td>
</tr>
<tr>
<td>Allele Type</td>
<td>Gene Symbol</td>
</tr>
<tr>
<td>Spontaneous</td>
<td>Ins2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Rag1\textsuperscript{tmMom}</strong></th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Rag1</td>
<td>recombination activating gene 1</td>
</tr>
</tbody>
</table>

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