B6;129S6-Gak \textsuperscript{tm1Lepr}/Mmjax

MMRRC Stock No: 36793–JAX

\textbf{Targeted Mutation}

**Overview**

These Gak\textsuperscript{flox} mutant mice possess loxP sites flanking exon 1 of the cyclin G associated kinase (Gak) gene. GAK functions as a cochaperone with Hspa8 (Hsc70). GAK is involved in the process of clathrin-mediated endocytosis and is critical to development.

**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gak \textsuperscript{tm1Lepr}</strong></td>
<td></td>
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</table>

<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>Gak</td>
<td>cyclin G associated kinase</td>
</tr>
</tbody>
</table>

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