B6.129P2-Syn1^{tm1 Popd}/Mmjax

MMRRC Stock No: 41436-JAX | Syn 1 KO

Congenic, Targeted Mutation

Overview

Also Known As: Syn 1 KO

Homozgous synapsin I knockout mice exhibit seizures, delayed axonal outgrowth and delayed synapse formation. These mice may be useful in studying the role of synapsin I in neurodevelopment.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Syn1^{tm1 Popd}</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
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<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Syn1</td>
<td>synapsin I</td>
</tr>
</tbody>
</table>

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