129S/SvEvTac-Hcn1\textsuperscript{tm2Knol}/J

Additional Use Restrictions Apply

Stock No: 028301 | HCN1 ko

Coisogenic, Targeted Mutation

Overview

Also Known As: HCN1 ko

The exon encoding the pore region and S6 transmembrane domain of the Hcn1 gene are has been excised in this knockout strain (HCN1 ko). This mutant mouse strain may be useful in studies of learning, memory, neurophysiology, and Parkinson's Disease.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hcn1\textsuperscript{tm2Knol}</td>
<td></td>
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</tbody>
</table>

<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>Hcn1</td>
<td>hyperpolarization-activated, cyclic nucleotide-gated K+ 1</td>
</tr>
</tbody>
</table>

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