B6.129P2-Nr4a2<sup>tm1p/J</sup>

Stock No: 017859 | Nurr<sup>−</sup>

- Congenic, Targeted Mutation

**Overview**

**Also Known As: Nurr<sup>−</sup>**

This strain carries a null allele of the transcription factor Nr4a2 (also called Nurr1), which is associated with the development of midbrain dopaminergic neurons. Mice exhibit alterations in dopamine levels and abnormal behavioral and locomotor responses associated with schizophrenia.

**Genetic overview**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Nr4a2&lt;sup&gt;tm1p&lt;/sup&gt;</strong></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>Nr4a2</td>
<td>nuclear receptor subfamily 4, group A, member 2</td>
</tr>
</tbody>
</table>

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