B6.129S4-Drd3^{tm1Dec} / J

Stock No: 002958 D3^-

Congenic, Targeted Mutation

Overview

Also Known As: D3^-

These DRD3 knockout mice are devoid of D3 receptors in homozygotes and display enhanced cocaine seeking and self-administration behavior. They may be useful for studying dopamine autoreceptor inhibitory control in dopaminergic neurotransmission.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>000664 C57BL/6J</td>
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<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Drd3</td>
<td>dopamine receptor D3</td>
</tr>
</tbody>
</table>

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