B6.129S-Atxn1^tm1Ho/J

Additional Use Restrictions Apply

Stock No: 005601 | Sca1^154Q/2Q

Congenic, Targeted Mutation

Overview

Also Known As: Sca1^154Q/2Q

These mice carry a knock-in mutation of the Atxn1 (formerly Sca1) and exhibit growth retardation, lack of motor coordination, cognitive defects, and muscle wasting, ataxia and an abnormal gait. They may be useful in studies of neurodegenerative diseases.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Atxn1^tm1Ho/J</td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Targeted (Inserted expressed sequence)</td>
<td>Atxn1</td>
<td>ataxin 1</td>
</tr>
</tbody>
</table>

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