B6.WK-Lama2^dy-2^J

Stock No: 000524 | dystrophia muscularis 2 Jackson

Congenic, Spontaneous Mutation

Overview

Also Known As: dystrophia muscularis 2 Jackson

Mice homozygous for the dystrophia-muscularis spontaneous mutations (Lama2^dy^ and Lama2^dy-2^J) are characterized by progressive weakness and paralysis beginning at about 3 1/2 weeks of age. Skeletal muscle shows degenerative changes with proliferation of sarcolemmal nuclei, increase in amount of interstitial tissue, and size variation among individual muscle fibers. Myelination in the peripheral nervous system is delayed.

Genetic overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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</thead>
<tbody>
<tr>
<td>000664 C57BL/6J</td>
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</tbody>
</table>

**Lama2^dy-2^J**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Lama2</td>
<td>laminin, alpha 2</td>
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</tbody>
</table>

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