**Overview**

This strain has been discontinued, please refer to Stock No. 000253 or Stock No. 005012

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**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Myo5a^d-l32J</td>
<td></td>
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<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>Myo5a</td>
<td>myosin VA</td>
</tr>
</tbody>
</table>
RESEARCH APPLICATIONS
Dermatology Research
Neurobiology Research
Developmental Biology Research

Details

Detailed Description
Homozygotes can be identified by approximately 7 to 8 days of age by the gray coat color distinct from the black coat of their heterozygous and wild-type littermates. They are ataxic and display opisthotonus and convulsions, consistent with other neurological alleles of this gene. Most homozygotes die by 3 weeks of age although some have lived longer.

Development

Control Suggestions

Selected References

Genetics

Myo5a<sup>d-j32j</sup>

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support
Genotyping Protocols
Genotyping resources and troubleshooting

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