Overview

Also Known As: shambling 5 Jackson

Homozygous mutants exhibit an abnormal gait, reduced body size, and reduced fertility in males.

GENETIC OVERVIEW

Genetic Background | Generation
By three weeks of age homozygotes have a wobbly gait and splay their rear legs when they walk. They have a reduced body size compared with littermate controls and when picked up by the tail they have an overall body tremor. Although they survive to adulthood and females are fertile and will rear their young, male homozygotes are usually sterile.
Genotyping Protocols
Sanger sequencing: \texttt{Cntnap1}
Genotyping resources and troubleshooting

Mating System
Heterozygote x Heterozygote

Citation
When using the shambling 5 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #010823 in your Materials and Methods section.

Pricing & Availability
Live mice available in varying quantities. Ask Customer Service for details.

<table>
<thead>
<tr>
<th>AGE</th>
<th>SEX</th>
<th>GENOTYPE</th>
<th>PRICE</th>
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<tbody>
<tr>
<td>Approx 4-8 weeks</td>
<td>Female</td>
<td>Heterozygous for Cntnap1^{shm5J}</td>
<td>$255.00</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Heterozygous for Cntnap1^{shm5J}</td>
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<tr>
<td>Approx 4-8 weeks</td>
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<td>Wild-type for Cntnap1^{shm5J}</td>
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Breeder Pair

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Related Products and Services

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<th>Product Description</th>
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<tr>
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<td>B6.Cg-Cntnap1&lt;shm-5J&gt;/GrsrJ Frozen Embryo</td>
<td>$2595.00</td>
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Terms Of Use

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Phone: 207-288-6470
Email: TechTran@jax.org

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