Also Known As: shiverer Jackson

These mice carry a spontaneous mutation characterized by a loss of coordination of the hindlimbs.
**GENETIC OVERVIEW**

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Mbp&lt;sup&gt;shi-J&lt;/sup&gt;</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>Spontaneous</td>
<td>Mbp</td>
<td>myelin basic protein</td>
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</table>

**RESEARCH APPLICATIONS**

Sensorineural Research  
Neurobiology Research

**BASE PRICE**

Starting at: $2,854.50 Domestic price  
Cryo Recovery

Mice homozygous for the shiverer Jackson mutation can be identified at 12 days of age by a generalized tremor during locomotion and the severity of the phenotype progresses with age and includes a loss of coordination of the hindlimbs. Deficiency of myelin from the central nervous system has been found at 7 weeks of age, the earliest time-point assessed.

**Development**

**Control Suggestions**

**Genetics**

**Mbp<sup>shi-J</sup>**

**Disease/Phenotype**

**Disease Terms**
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the shiverer Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #005226 in your Materials and Methods section.

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, G200

Pricing & Availability

Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

| Cryo Recovery | Heterozygous for Mbp<shi-J> | $2,854.50 |

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