Overview

Also Known As: shiverer Jackson

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

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

<table>
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<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td>( \textit{Mbp}^{\textit{shi-J}} )</td>
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**Allele Type**

- Spontaneous

**Gene Symbol**

- \( Mbp \)

**Gene Name**

- myelin basic protein

**RESEARCH APPLICATIONS**

- Sensorineural Research
- Neurobiology Research

**BASE PRICE**

Starting at: $2,854.50 Domestic price Cryo Recovery

### Details

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

**\( \textit{Mbp}^{\textit{shi-J}} \)**

### 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.

Animal Health Reports
Facility Barrier Level Descriptions
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.

Cryorecovery - Domestic Pricing

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Mbp&lt;shi-J&gt;</td>
<td>$2,854.50</td>
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