Overview

These mice carry the tiny wasting spontaneous mutation (tnyw), and are characterized by abnormal, unstable locomotion.
### Genetic Overview

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

#### tnyw

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spontaneous</td>
<td>tnyw</td>
<td>tiny wasting</td>
</tr>
</tbody>
</table>

#### Pemt<sup>tm1J</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Targeted (Null/Knockout)</td>
<td>Pemt</td>
<td>phosphatidylethanolamine N-methyltransferase</td>
</tr>
</tbody>
</table>

### Research Applications

Cardiovascular Research  
Developmental Biology Research  
Metabolism Research  
Cancer Research

### Base Price

Starting at:  
$2,854.50 Domestic price Cryo Recovery 

### Important Note

This strain is homozygous for the *Pemt<sup>tm1J</sup>* targeted mutation

### Detailed Description

Mice homozygous for the tiny wasting mutation are runted and some have abnormal locomotion or are unable to right themselves. Mutants can be identified by 2 weeks of age and most die by 3 weeks of age. All have vacuoles in the brain.

### Development

### Control Suggestions
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the B6.129P2 Pem\textsuperscript{tm1J}-tnyw/GrsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #005323 in your Materials and Methods section.

Animal Health Reports
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.
Payment Terms and Conditions
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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains

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