**B 6. Ctg-r-m/GrsrJ**

**Stock No:** 018138

- Congenic, Spontaneous Mutation

**NOT AVAILABLE AT JAX**

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**Overview**

This congenic has been discontinued, please see Stock No. 017338.

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### GENETIC OVERVIEW

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Trms</td>
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<table>
<thead>
<tr>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Trms</td>
<td>tremulous</td>
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### RESEARCH APPLICATIONS

Neurobiology Research
On the C57BL/6J congenic background, tremulous heterozygotes have no outward phenotype at 3 weeks of age. However, a whole body tremor that is visible at rest, and weight loss with ataxia begin to present as early as four weeks of age. The cachexia and ataxia progress rapidly and all heterozygotes die by eight weeks of age on this genetic background. On a segregating stock background (Stock No. 017338) survival is somewhat improved.
Breeding Considerations
Because of the onset and severity of this dominant mutation, this strain is maintained by breeding heterozygous ovarian transplant hosts with C57BL/6J males.

Additional Breeding and Husbandry Support

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