Overview

Also Known As: recoil wobbler(3J)

These mice carry a spontaneous mutation at the glutamate receptor, metabotropic 1 (Grm1) locus and show small body size and ataxia.
GENETIC OVERVIEW

Genetic Background | Generation
---|---

Grm1<sup>rcw-3J</sup>

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tr>
<td>Spontaneous</td>
<td>Grm1</td>
<td>glutamate receptor, metabotropic 1</td>
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RESEARCH APPLICATIONS
Neurobiology Research

BASE PRICE
Starting at:

$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for the recoil wobbler 3 Jackson mutation have a slightly smaller body size and a wobbly gait, causing loss of balance when walking, usually visible by 2 weeks of age.

Development

Control Suggestions

Selected References

Genetics

Grm1<sup>rcw-3J</sup>
Related Products and Services

Frozen Mouse Embryo

C57BL/6J-Grm1<rcw-3J>/GrsrJ Frozen Embryos

$2595.00

Genotyping Protocols
Sanger sequencing: Grm1/
Genotyping resources and troubleshooting

Breeding Considerations
Homozygous males are poor breeders.
Additional Breeding and Husbandry Support

Citation
When using the recoil wobbler(3J) mouse strain in a publication, please cite the originating article(s) and include JAX stock #005521 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

Pricing effective for USA, Canada and Mexico shipping destinations

Cryorecovery - Domestic Pricing

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Cryorecovery - International Pricing

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Related Products and Services

Frozen Mouse Embryo

C57BL/6J-Grm1<rcw-3J>/GrsrJ Frozen Embryos

$2595.00
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Email: TechTran@jax.org

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains