Also Known As: reeler 4 Jackson
These mice carry a spontaneous mutation and are characterized by ataxia, smaller body size, and early mortality.
Mice homozygous for the reeler 4 Jackson remutation are smaller than their littermates by 2 weeks of age and have an ataxia such that they lean side-to-side when trying to walk and often fall over on their side. Many die by wean age. At 3 and 3.5 weeks of age histological assessment reveals scrambled layering in the cortex, smaller than normal cerebellum with scrambled Purkinje and granule cells, and neurons of the hippocampal gyrus scattered in an irregular wavy layer.
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the reeler 4 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #005250 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

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<th>DESCRIPTION</th>
<th>PRICE</th>
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<td>cryo Recovery</td>
<td>Progeny testing required but not provided. No genotyping assay is available for these recessive cryo-recovered animals of undefined genotype</td>
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