This spontaneous mutation causes progressive quivering, runting, and premature death usually before 10 weeks of age.
Mice homozygous for the quivery runt mutation can be identified by three weeks of age by their runted appearance and quivering movement. The symptoms progress rapidly and homozygotes can die anytime after wean. Only a few have survived to ten weeks of age. Hearing loss has been found in some, but not all, homozygotes at 3 and 3.5 weeks of age.
Genotyping Protocols
Genotyping resources and troubleshooting

Breeding Considerations
Because of the severity of the phenotype and premature death this strain is maintained by breeding homozygous ovarian transplant hosts with C57BL/6J males and then intercrossing the obligate heterozygous offspring.

Additional Breeding and Husbandry Support

Mating System
Ovarian Transplant-Cross-Intercross

Citation
When using the B6(Cg)-qvyr/GsrJ mouse strain in a publication, please cite the originating article(s) and include JAX stock #012875 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

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

<table>
<thead>
<tr>
<th>Service/Product</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<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>
<td>$2,854.50</td>
</tr>
</tbody>
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Related Products and Services

| Frozen Mouse Embryo   | B6(Cg)-qvyr/GsrJ Frozen Embryo                                                                                                                                                                                 | $2595.00 |
Payment Terms and Conditions
Terms are granted by individual review and stated on the customer invoice(s) and account statement. These transactions are payable in U.S. currency within the granted terms. Payment for services, products, shipping containers, and shipping costs that are rendered are expected within the payment terms indicated on the invoice or stated by contract. Invoices and account balances in arrears of stated terms may result in The Jackson Laboratory pursuing collection activities including but not limited to outside agencies and court filings.

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