B6.Cg-Quk-2J/GrsrJ

Stock No: 005089 | quaking 2 Jackson

Congenic, Spontaneous Mutation

Overview

Also Known As: quaking 2 Jackson

These mice carry a spontaneous mutation characterized by tremors
<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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<tr>
<td><strong>Qk^{qk-2J}</strong></td>
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<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Qk</td>
<td>quaking</td>
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**RESEARCH APPLICATIONS**

- Neurobiology Research
- Cell Biology Research
- Apoptosis Research

**BASE PRICE**

Starting at:

$2,854.50 Domestic price Cryo Recovery

**Important Note**

This strain might still segregate for *m* and *Lepr^{db}*, although neither mutation has been seen phenotypically since before 2005.

**Detailed Description**

*Qk^{qk-2J}* homozygotes display rapid tremors by approximately 2 weeks of age. Histological examination at 3 weeks of age reveals holes in the striatum of the cortex and cerebellum and in the myelin of the spinal cord. Vision and hearing appear normal.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

*Qk^{qk-2J}*

**Disease/Phenotype**
### Genotyping Protocols

**Restriction Enzyme Digest:** *Lepr*
**Pyrosequencing:** *Lepr*

Genotyping resources and troubleshooting

### Appearance

black, unaffected

**Related Genotype:** *a/a Qk<qk-2J>/+

### Citation

When using the quaking 2 Jackson mouse strain in a publication, please cite the originating article(s) and include JAX stock #005089 in your Materials and Methods section.

### Pricing & Availability

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

### Cryorecovery - Domestic Pricing

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous for Qk&lt;qk-2J&gt;</td>
<td>$2,854.50</td>
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</tbody>
</table>

### Related Products and Services

- **Frozen Mouse Embryo**
  - **B6.Cg-Qk<qk-2J>/GrsrJ**
  - **$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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Terms Of Use

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Phone: 207-288-6470
Email: TechTran@jax.org

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains