Overview

Also Known As: loop tail-like

Mutant mice exhibit neurodevelopmental defects leading to short, curly tails and spina bifida.

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

<table>
<thead>
<tr>
<th>Genetic Background</th>
<th>Generation</th>
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**Vangl2<sup>Lp-2J</sup>**

<table>
<thead>
<tr>
<th>Allele Type</th>
<th>Gene Symbol</th>
<th>Gene Name</th>
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<tbody>
<tr>
<td>Spontaneous</td>
<td>Vangl2</td>
<td>VANGL planar cell polarity 2</td>
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**RESEARCH APPLICATIONS**

**Developmental Biology Research**

**BASE PRICE**

Starting at: $2,854.50 Domestic price Cryo Recovery

**Details**

**Detailed Description**

The loop tail like mutation is similar to the loop tail mutation of the Vangl2 gene in causing neurodevelopmental defects leading to short, curly tails and spina bifida. There is incomplete penetrance and prenatal and perinatal lethality. Some heterozygous with mild spina bifida survive to adulthood and have bred. Some heterozygous females have closed vaginas.

**Development**

**Control Suggestions**

**Selected References**

**Genetics**

**Vangl2<sup>Lp-2J</sup>**
Genotyping Protocols
Genotyping resources and troubleshooting

Citation
When using the loop tail-like mouse strain in a publication, please cite the originating article(s) and include JAX stock #013121 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
Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

<table>
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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 Lootl</td>
<td>$2,854.50</td>
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Related Products and Services
Frozen Mouse Embryo: B6.Cg-Vangl2<+Lp-2J>/GrsrJ 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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Email: TechTran@jax.org

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Related Strains

- All
- By Allele
- By Gene
- By Collection

All Related Strains
 Leading the search for
TOMORROW'S CURES