This strain carries a \textit{lacZ} knock-in allele of the \textit{Scn9a}, sodium channel, voltage-gated, type IX, alpha gene. It may be useful in studies of synaptic transmission and nociception.

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

Detailed Description

This targeted mutant was created and characterized by Deltagen, Inc. View phenotypic data developed by Deltagen. Heterozygotes exhibit increased prepulse inhibition compared to wildtype controls. While this strain has not been specifically tested, mice heterozygous for another knock-out allele of this same gene exhibit insensitivity to pain.

Development

Expression Data

Control Suggestions

Genetics

Scn9a^{tm1Dgen}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References
Technical Support

Genotyping Protocols
Standard PCR: **Scn9a**
Genotyping resources and troubleshooting

Citation
When using the Scn9a lacZ knock-in/knock-out mouse strain in a publication, please cite the originating article(s) and include JAX stock #005836 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>
<thead>
<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wild-type for Scn9a&lt;tm1Dgen&gt;</td>
<td>$2,854.50</td>
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**CRYORECOVERY - DOMESTIC PRICING**

Pricing effective for USA, Canada and Mexico shipping destinations

**RELATED PRODUCTS AND SERVICES**

| Frozen Mouse Embryo | B6.129P2-Scn9a<tm1Dgen>/J Frozen Embryos | $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
ADDITIONAL USE RESTRICTIONS APPLY

Use of MICE by academics, non-profits, companies or for-profit entities requires a license prior to shipping.

LICENSING INFORMATION

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