

**NOD.NOR-(*Il1a-Pcna*)/LtJ**

Stock No: **003051** | NOD.NOR-Idd13C

 Congenic

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

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(*Il1a*) gene and part of the complex insulin dependent diabetes susceptibility locus *Idd13*.

Donating Investigator

Dr. Edward Leiter, The Jackson Laboratory

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GENETIC OVERVIEW

**Genetic Background**

001289 NOD/ShiLt

**Generation**

*Idd13*<sup>NOR/Lt</sup>

**Alele Type**

QTL

**Gene Symbol**

*Idd13*

**Gene Name**

insulin dependent diabetes susceptibility 13

Marker(s)

**Marker Symbol**

*Il1a*

*Pcna*

**Marker Name**

interleukin 1 alpha

proliferating cell nuclear antigen

VIEW GENETICS

RESEARCH APPLICATIONS

Diabetes and Obesity Research

## BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

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### Details

#### Detailed Description

At 30 weeks of age, incidence of diabetes among both male and female NOD.NOR-*Il1a-Pcna* (*Idd13<sup>f</sup>*, *Il1a<sup>NOR</sup>*) mice was significantly lower (for females, 62% vs. 100%) than in NOD/Lt mice, but in females was significantly higher (62% vs. 16%) than in NOD.NOR-*D2Mit490-D2Mit144* (*Idd13<sup>f</sup>*, *Il1a<sup>NOR</sup>*), which carries a larger NOR/Lt-derived segment of Chr 2. By 46 weeks, IDDM incidence in females and males of the former strain had reached 75% and 12%, respectively, of that in control NOD/Lt mice. Thus, NOD.NOR-*Il1a-Pcna* (*Idd13<sup>f</sup>*, *Il1a<sup>NOR</sup>*) retains the NOR allele(s) for "at least one, but not the complete set" of genes comprising the complex *Idd13* IDDM susceptibility/resistance locus.

#### Development

#### Control Suggestions

### Genetics

#### *Idd13<sup>NOR/Lt</sup>*

#### *Il1a*

#### *Pcna*

## ⊖ Disease/Phenotype

+ Disease Terms

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+ Research Areas By Phenotype

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+ Mammalian Phenotype Terms by Genotype

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+ References

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## ⊖ Technical Support

C O N T A C T   T E C H N I C A L   S U P P O R T

### Genotyping Protocols

[Genotyping resources and troubleshooting](#)

### Appearance

albino, pink eyed

Related Genotype:  $A/A Tyr^c / Tyr^c$

### Citation

When using the NOD.NOR-Idd13C mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #003051 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



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## CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
<a href="#">Cryo Recovery</a>	Homozygous, 1 pair minimum	\$2,854.50

## RELATED PRODUCTS AND SERVICES

<a href="#">Frozen Mouse Embryo</a>	NOD.NOR-(Il1a-Pcna)/LtJ Frozen Embryos	\$2595.00
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## 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.

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

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Q U E S T I O N S   A B O U T   T E R M S   O F   U S E

## LICENSING INFORMATION

Phone: 207-288-6470

Email: [TechTran@jax.org](mailto:TechTran@jax.org)

## Related Strains

All

By Allele

By Gene

By Collection



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