

B6;CBA-Tg(Olfr713-taulacZ)4Mom/MomJ

Stock No: **007976** | P3 Tg line IV

 Transgenic

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

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transcription start site. LacZ is expressed in place of any olfactory receptor sequence.

Donating Investigator

Peter Mombaerts, Max Planck Research Unit for Neurogenetics

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GENETIC OVERVIEW

Genetic Background

Generation

Tg(Olfr713-taulacZ)4Mom

Alele Type

Transgenic (Reporter)

VIEW GENETICS

RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

V I E W P R I C E L I S T

Details

Detailed Description

This transgene encodes tau-linked-LacZ under the control of a minimal promoter comprised of 143 base pairs upstream of the *Olf713* transcription start site and 163 base pairs of the 5' nontranslated exon 1. It does not drive expression of any olfactory receptor sequence. It is useful in mapping promoter elements important for olfactory receptor expression and the related olfactory sensory neuron development. Histology shows mosaic expression of LacZ in the ventral main olfactory epithelium.

Development

Expression Data

Selected References

Genetics

Tg(Olf713-taulacZ)4Mom

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

- 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

Standard PCR: [Generic LacZ Melt Curve Analysis](#)

Probe: [Generic LacZ Probe](#)

QPCR: [Generic LacZ QPCR Alternate 1](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the P3 Tg line IV mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #007976 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.

Domestic | International

Pricing effective for USA, Canada and Mexico shipping destinations

CRYORECOVERY - DOMESTIC PRICING

SERVICE/PRODUCT	DESCRIPTION	PRICE
Cryo Recovery	Carrier or Non Carrier of Tg(Olfr713-tauLacZ)4Mom	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	B6;CBA-Tg(Olfr713-taulacZ)4Mom/MomJ	\$2595.00
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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

ADDITIONAL USE RESTRICTIONS APPLY

[Use of MICE by companies or for-profit entities requires a license prior to shipping.](#)

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

🔵 Related Strains

All

By Allele

By Gene

By Collection



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