

D2.B6-*Fscn2*⁺/KjnStock No: **012438** **Congenetic, Spontaneous Mutation**

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amelioration of the early onset hearing loss characteristic in DBA/2J mice. This congenic rescue is similar to that found in the transgenic rescue in DBA/2J-Tg(RP24-180N9)2Kjn/Kjn (stock #012440).

Donating Investigator

Dr. Ken Johnson, JAX

[READ MORE +](#)**GENETIC OVERVIEW****Genetic Background****Generation***Fscn2*⁺**Allele Type**

Not Applicable

Gene Symbol*Fscn2***Gene Name**

fascin actin-bundling protein 2

[VIEW GENETICS](#)**RESEARCH APPLICATIONS**

Sensorineural Research

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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 congenic expresses the C57BL/6J derived sequence of *Fscn2*, rather than the *Fscn2*^{ahl8} sequence, and has a resulting amelioration of the early onset hearing loss characteristic in DBA/2J mice. Distinct from the DBA/2J host background these congenic mice have click, 8 kHz, and 16 kHz ABR thresholds at 2 months of age that are equivalent to those of C57BL/6J, although the 32 kHz thresholds are elevated similar to those of DBA/2J. This congenic rescue is similar to that found in the transgenic rescue in DBA/2J-Tg(RP24-180N9)2Kjn/Kjn (stock #012440).

Development

Selected References

Genetics

Fscn2⁺

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

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

Pyrosequencing: [Fscn2<+>](#)

[Genotyping resources and troubleshooting](#)

Citation

When using the D2.B6-*Fscn2*⁺/Kjn mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #012438 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	Heterozygous for Fscn2<+>	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	D2.B6- Fscn2<+> /Kjn	\$2595.00
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Email: TechTran@jax.org

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