

B6.C-Fgf5^{g0} /J

Stock No: 000526 | angora

 Congenic

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

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GENETIC OVERVIEW

Genetic Background Generation

Fgf5^{g0}

Alele Type	Gene Symbol	Gene Name
Spontaneous	<i>Fgf5</i>	fibroblast growth factor 5

VIEW GENETICS

RESEARCH APPLICATIONS

Dermatology Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

\$2,854.50 Domestic price Cryo Recovery

Details

Detailed Description

Mice homozygous for *Fgf5^{g0}*, the angora allele, have a prolonged anagen VI phase of the hair follicle cycle resulting in hair lengths that are longer than normal for all coat hair types. These mice begin to appear shaggy by 15-21 days of age and remain so throughout their lives. *Fgf5^{g0}/Fgf5^{g0}* skin grafts continue to yield long fur but do not alter the fur growth in surrounding host tissue indicating that FGF5 does not function in a systemic manner but rather must be produced in the follicle in which it has an effect. A subtle follicular dystrophy has been described in mice on the B6.C congenic background (See Sundberg et al., 1997). (Dickie MM, 1966; Pennycuik and Raphael, 1984.)

Genetics

Fgf5^{g0}

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support

Genotyping Protocols

[Genotyping resources and troubleshooting](#)

Citation

When using the angora mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #000526 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 Fgf5<go>	\$2,854.50

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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

LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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By Allele

By Gene

By Collection







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