

STOCK *Elov3^{burf}*/GrsrJ

Stock No: **024182** | buttery rumped fur

 Spontaneous Mutation

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

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yellow rumped fur on this albino background and eye abnormalities that include delayed eyelid opening.

READ MORE +

GENETIC OVERVIEW

Genetic Background

Generation

Elov3^{burf}

Alele Type

Spontaneous

Gene Symbol

Elov3

Gene Name

elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 3

VIEW GENETICS

RESEARCH APPLICATIONS

Metabolism Research

Dermatology Research

Sensorineural Research

VIEW ALL RESEARCH APPLICATIONS

BASE PRICE

Starting at:

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

Details

Detailed Description

Albino mice homozygous for the buttery rumped fur mutation have abnormal eyes and a disheveled coat in which the fur appears yellowish in color, like butter. The eye phenotype varies in severity but the eyelids are delayed in opening often by as much as three months. When the eyelids do open this is usually incomplete resulting in a squinting appearance. In some instances the eyelids open fully as the mouse ages. Additionally, the eyes weep and the skin around the eyes is often reddened. The eye phenotype can become very severe in some homozygotes while in others it may simply diminish with age. The homozygotes of both sexes are fertile and live a normal lifespan, and heterozygotes appear normal.

Development

Selected References

Genetics

Elovl3^{burf}

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

[Genotyping resources and troubleshooting](#)

Appearance

appearance: yellowish rumped coat and eye abnormalities

associated genotype: Tyr^c/Tyr^c $Elovl3^{burf}/Elovl3^{burf}$

appearance: albino

associated genotype: Tyr^c/Tyr^c $Elovl3^{burf}/Elovl3^+$

Citation

When using the buttery rumped fur mouse strain in a publication, please [cite the originating article\(s\)](#) and include JAX stock #024182 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 $Elovl3<burf>$	\$2,854.50

RELATED PRODUCTS AND SERVICES

Frozen Mouse Embryo	STOCK $Elovl3<burf>/GrsrJ$ Frozen Embryo	\$2595.00
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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.

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LICENSING INFORMATION

Phone: 207-288-6470

Email: TechTran@jax.org

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Yes No