This strain has been discontinued, please refer to Stock No. 019145.

The underwhite 6 Jackson mutation is a model of type IV oculocutaneous albinism that causes a dirty white coat color on this otherwise agouti background along with hypopigmentation of the skin and eyes.

Overview

This strain has been discontinued, please refer to Stock No. 019145.
RESEARCH APPLICATIONS
Mouse/Human Gene Homologs
Dermatology Research

Details

Detailed Description

Mice homozygous for the underwhite 6 Jackson mutation have a dirty white colored coat whereas their heterozygous siblings are normal agouti colored. Homozygotes can be identified as pups by their light colored skin compared with heterozygous littermates. The eyes are red, but darken with age.

Development

Control Suggestions

Selected References

Genetics

Slc45a2^uw6J

Disease/Phenotype

Disease Terms

Research Areas By Phenotype

Mammalian Phenotype Terms by Genotype

References

Technical Support
Genotyping Protocols
Genotyping resources and troubleshooting

Mating System
Homozygote x Heterozygote
Heterozygote x Homozygote

Appearance
dirty white coat color
Related Genotype: A/A *Slc45a2*^jw-6J/Slc45a2*^jw-6J

agouti
Related Genotype: A/A *Slc45a2*^jw-6J/Slc45a2^+
Committee will review the animal care and use protocol(s) associated with any SERVICES to be performed at JACKSON, and JACKSON shall have ultimate responsibility and authority for the care of animals while on site or in JACKSON custody.

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Related Strains

All Related Strains

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<td>Uw-dbr, Slc45a2uw-6J, Slc45a2uw-d/J</td>
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