SPRET/EiJ

Stock No: 001146

Inbred Strain, Wild-Derived

AVAILABLE FOR REGISTERING INTEREST

REGISTER INTEREST

Please contact Technical Support for more information

Overview

This colony is currently unavailable and we are unable to determine when it will be distributed in the future. As we have more information, we will provide updates here.

The wild-derived inbred strain SPRET/Ei is often used in crosses with common inbred strains to create highly polymorphic panels for genetic mapping. SPRET/Ei may be useful for studies relating to inflammatory disorders.

READ MORE +

Genetic Overview

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VIEW GENETICS

Research Applications

- Immunology, Inflammation and Autoimmunity Research
- Research Tools
- Reproductive Biology Research
- Metabolism Research

VIEW ALL RESEARCH APPLICATIONS
The wild-derived inbred strain SPRET/Ei is often used in crosses with common inbred strains to create highly polymorphic panels for genetic mapping. SPRET/Ei mice are resistant to high doses of tumor necrosis factor alpha (TNFa) (Staelens et al 2002). Mice from a C57BL/6 x SPRET/Ei F1 cross were protected from TNFa-induced arthritis and partially protected against induced allergic asthma (Staelens et al 2004). SPRET/Ei may be useful in understanding certain inflammatory diseases.
Breeding Considerations
Subsequent to a severe breeding slump in 2015 this strain was moved onto grain with 10% fat and has performed much better.

Additional Breeding and Husbandry Support

Mating System
Sibling x Sibling

Appearance
white-bellied agouti
Related Genotype: A\(^w\)/A\(^w\)

Citation
When using the Spret/EJ mouse strain in a publication, please include JAX stock #001146 in your Materials and Methods section.

MGL273 (Low)

STRAIN INTEREST REGISTRATION

Please fill out the form below to indicate your interest in purchasing this JAX®Mice strain. This information helps us manage the colony build and better meet the broad needs of the research community. Please send any technical questions to Technical Support.

Contact Information
First Name

Last Name

Institution

Phone Number

Email

Interest
Please indicate your approximate levels of interest. You can add another line by selecting "Add More Interest". Number of Mice
Frequency
Product
Comment

Frequency...

Products...

ADD MORE INTEREST
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Phone: 207-288-6470
Email: TechTran@jax.org

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