SJL/Bm

Stock No: 001902

Inbred Strain

Not Available

NOT AVAILABLE AT JAX

VIEW REPLACEMENT

Please contact Customer Service for more information

This strain is extinct. Please see SJL/J Stock No. 000686.

READ MORE +

GENETIC OVERVIEW

Genetic Background Generation

VIEW GENETICS

RESEARCH APPLICATIONS

Immunology, Inflammation and Autoimmunity Research
Cancer Research

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

SJL mice were developed by James Lambert at The Jackson Laboratory in 1955 from three different sources of Swiss Webster mice. Mice display a very high incidence of reticulum cell sarcomas resembling Hodgkin’s disease around one year of age. Sarcomas first appear in the Peyer’s patches and mesenteric lymph nodes and later in the spleen, liver, thymus and other lymph nodes. Most of the tumors are mixed-cell types classified as type B reticulum cell neoplasms, but a few are type A histiocytomas. This strain is also characterized by extreme aggression in males and its susceptibility to experimental autoimmune encephalomyelitis (EAE) for multiple sclerosis research. SJL mice fail to develop atherosclerotic aortic lesions following 14 weeks on an atherogenic diet (1.25% cholesterol, 0.5% cholic acid and 15% fat).

Development
Genetics

Currently there are no related genes or alleles for this strain.

Disease/Phenotype

Disease Terms

Research Areas By Genotype

Mammalian Phenotype Terms by Genotype

Phenotype Information

References

Technical Support

CONTACT TECHNICAL SUPPORT

Genotyping Protocols

Genotyping resources and troubleshooting

Appearance

albino
Related Genotype: Tyr\textsuperscript{c}/Tyr\textsuperscript{c}

Terms Of Use

Terms of Use
General Terms and Conditions

QUESTIONS ABOUT TERMS OF USE

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Related Strains

All

By Allele

By Gene

By Collection

All Related Strains