Also Known As: A Woolley Snell
A/WySnJ mice are similar to A/J mice (Stock No: 000646), but carry a spontaneous mutation in Tnfrsf13c and exhibit a significant loss of mature B cells.

GENETIC OVERVIEW
Genetic Background Generation

RESEARCH APPLICATIONS
Developmental Biology Research
Immunology, Inflammation and Autoimmunity Research
Cancer Research
Neurobiology Research
Research Tools
Sensorineural Research

BASE PRICE
Starting at:
$2,854.50 Domestic price Cryo Recovery
Important Note
This strain is homozygous for Cdh23<sup>ahl</sup>, the age related hearing loss 1 mutation, which on this background results in progressive hearing loss with onset after 10 months of age.

Detailed Description
The A inbred strain, from which this substrain is derived, is used widely used in cancer and immunology research. It is highly susceptible to induction of congenital cleft palate by cortisone. It has a high incidence of spontaneous lung adenomas and lung tumors readily develop in response to carcinogens. High percentage of mammary adenocarcinomas (a large proportion acinar type) develop in multiparous females. Rare spontaneous myoepitheliomas arising from myoepithelial cells of various exocrine glands have been observed in The Jackson Laboratory substrains.


Genetics

- Wnt9b<sup>clf1</sup>
- Tnfrsf13c<sup>Bomb1</sup>
- Hc<sup>0</sup>
- Cdh23<sup>ahl</sup>
- Il3ra<sup>m1</sup>

Disease/Phenotype

Disease Terms
Genotyping Protocols
Genotyping resources and troubleshooting

Appearance
albino
Related Genotype: a/a Tyrp1<sup>b</sup> /Tyrp1<sup>b</sup> Tyr<sup>f</sup> /Tyr<sup>f</sup>

Citation
When using the A Woolley Snell mouse strain in a publication, please include JAX stock #000647 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
Pricing effective for USA, Canada and Mexico shipping destinations

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PAYMENT TERMS AND CONDITIONS

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.

THE JACKSON LABORATORY'S GENOTYPE PROMISE

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.

Terms Of Use

TERMS OF USE

General Terms and Conditions

LICENSING INFORMATION

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

Related Strains

All

By Allele

By Gene

By Collection