Overview

Also Known As: B6.AChr18, CSS-18, CSS-18, CSS18, B6.A-Chr18

Chromosome 18 from A/J has replaced the homologous chromosome of C57BL/6J in this strain of the set of consomic strains with C57BL/6J as background.
A chromosome substitution or consomic strain is an inbred strain with one of its chromosomes replaced by the homologous chromosome of another inbred strain. The C57BL/6J and A/J strains in this set were chosen because they differ in their susceptibility to diseases such as arthritis, asthma, atherosclerosis, cancer, several infectious diseases, inflammatory responses, and physiological, behavioral and sensory phenotypes. Chromosome substitution strain nomenclature is designated as Host Strain-Chromosome #<Donor Strain>/Laboratory code. For example, C57BL/6J-Chr1^NaJ carries chromosome 1 for strain A/J (A) on a C57BL/6J background, was constructed in the laboratory of Joseph Nadeau (Na) and is maintained at The Jackson Laboratory (J). Chromosome substitution strains or consomic strains can accelerate quantitative trait loci identification and mapping.
Related Products and Services

Frozen Mouse Embryo
C57BL/6J-Chr 18<A/J>/NaJ Frozen Embryos
$2595.00
Payment Terms and Conditions
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Terms Of Use

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

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### Related Strains

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All Related Strains
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TOMORROW'S CURES