B 6 D 2 F 1 / J

Stock No: 100006

F1 Or F2 Hybrid

Also Known As: B6D2

Cross between C57BL/6J (B6) female x DBA/2J (D2) male. B6D2F1/J mice are heterozygous for B6 and D2 alleles at all loci in their genome. Useful as a genetic background for transgenic/knockout creation, as well as other deleterious mutations. Research applications include radiation and behavioral research, and safety and efficacy testing, bioassays of nutrients, drugs, pathogens, and
Cross between C57BL/6J (B6) female x DBA/2J (D2) male. B6D2F1/J mice are heterozygous for B6 and D2 alleles at all loci in their genome. Useful as a genetic background for transgenic/knockout creation, as well as other deleterious mutations. Research applications include radiation and behavioral research, and safety and efficacy testing, bioassays of nutrients, drugs, pathogens, and hormones.

Currently there are no related genes or alleles for this strain.
Genotyping Protocols
Genotyping resources and troubleshooting
Hybrid mice are produced from breeding two different inbred strains together (F1) or the breeding of hybrids together (F2); no genotyping required.

Dietary Information
LabDiet® 5K52 formulation (6% fat)

Breeding Considerations
This strain is a good breeder.

Appearance
black
Related Genotype: a/a Tyrp1^b/+ Myo5a^d/+ 

Citation
When using the B6D2F1/J mouse strain in a publication, please cite the originating article(s) and include JAX stock #100006 in your Materials and Methods section.

Animal Health Reports
Facility Barrier Level Descriptions
  - AX28 (Maximum)
  - RB11 (Maximum)
  - RB09 (Maximum)
  - EM02 (Maximum)

Pricing & Availability
Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

Domestic
Pricing effective for USA, Canada and Mexico shipping destinations
Live Mouse
<table>
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<th>AGE</th>
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### Volume Pricing Details

**QUANTITY** | **VOLUME PRICING**
---|---
100 | 5% off

**Volume Pricing Program**

Quantities: Volume pricing is automatically applied when a minimum quantity per strain for a shipment is reached.

Sexes: Sexes of the same strain may be combined to reach minimum quantity levels to receive the volume pricing.

Shipment: All shipping destinations qualify.

**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.

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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.

Terms Of Use

Terms of Use

General Terms and Conditions

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

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