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 hormones.
Details

Detailed Description

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.

Genetics

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

Disease/Phenotype

Disease Terms

Research Areas By Phenotype
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.

Additional Breeding and Husbandry Support

Appearance
black

Related Genotype: a/a Tyrp1b /+ 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)
- EM03 (Maximum)
- EM02 (Maximum)
- RB09 (Maximum)
- RB11 (Maximum)
Sized to accommodate orders of up to 100 or more. Ask Customer Service for details.

**LIVE MOUSE**

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<th>AGE</th>
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**VOLUME PRICING DETAILS**

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*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.

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Terms Of Use

TERMS OF USE

General Terms and Conditions

LICENSING INFORMATION

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

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Related Strains

All

- By Allele
- By Gene
- By Collection

All Related Strains