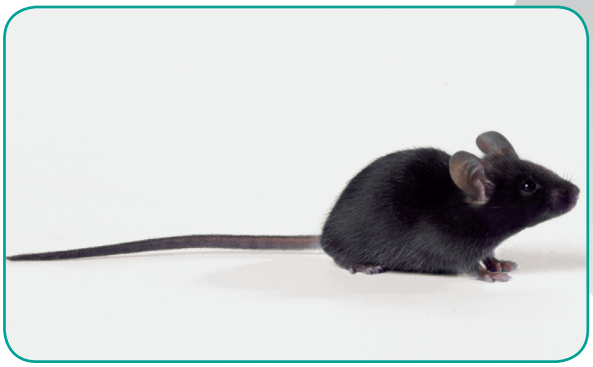
RESEARCH MODELS

Rats | **Mice** | Other rodents



B6D2F1 Mouse

- **Strain name:** B6D2F1/JRj
- **Type:** Hybrid mouse
- **Origin:** from ♀ C57BL/6JRj and ♂ DBA/2JRj (from JANVIER LABS)
- **Colour and related genotype:** Black mouse, *a/a, Tyrp1^{b}/+, Myo5a^{d}/+* MHC: Haplotype *H2$^{b/d}$*
- **Breeding:** Easy to rear, good maternal instinct

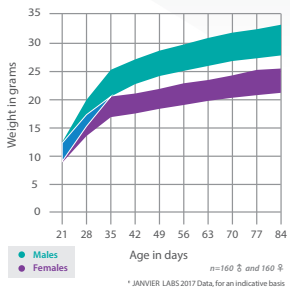
Description of our model

These F1 hybrids are the result of a cross between a C57BL/6JRj female and a DBA/2JRj male. F1 hybrids are heterozygous for B6 and D2 alleles at every locus (provided that the parental strains have different alleles).

It is often used as genetic background for the creation of transgenic, knock-out and harmful phenotype models.

It is also used in behavioural studies, radiation, safety and efficacy testing for nutrients, medicine, pathogens or hormones.

Growth curve of B6D2F1 Mice *



* JANVIER LABS 2017 Data, for an indicative basis

Reproductive data*	
Mating: ♀ C57BL/6JRj x ♂ DBA/2JRj	
Litter size at birth	7.13
Weaning %	92
Productivity index	1.16
Sterility %	1
Gestation time	Between 18 and 20 days

* JANVIER LABS 2011 Data, for an indicative basis

JANVIER LABS
Rodent research models & associated services

www.janvier-labs.com

Main application and research fields

- Behaviour
- Genetic
- Toxicology
- Transgenesis
- Transplantation

Our added value

- **The « JANVIER LABS Genetic Policy », a specific programme, guarantees the genetic repeatability of our hybrid models.**
- **Animals with the SPF or SOPF standards.**
- **A gentling policy for docile and easy-to-handle animals.**
- **Optimal stability conditions of our models during shipments, thanks to our dedicated and internal transport service.**
- **A scientific support with a team of Veterinarians and PhD.**

The available scientific bibliography:

Research has been conducted, all over the world, from models bred in our laboratories.
Discover our updated bibliography of available studies on our Internet **website, heading: Customer Support.**

Our additional offer

Laboratory Services | Transgenic Services