



RESEARCH MODELS

Rats

Mice

Other rodents



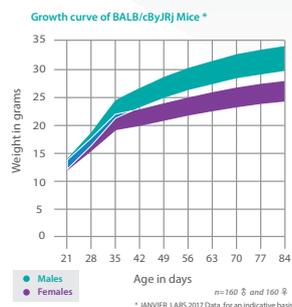
BALB/cByJRj Mouse

- **Strain name:** BALB/cByJRj
- **Type:** Inbred mouse
- **Origin:** CSAL (Orleans) - 1992 (F172)
- **Colour and related genotype:** Albino mouse, *Tyr^c/Tyr^c, Tyrp1^b/Tyrp1^b, A/A* - MHC: Haplotype H2^d
- **Breeding:** Good breeder with better performances than BALB/cJRj mice. Aggressive mice.

Description of our model

This strain was selected by MacDOWELL from an albino outbred stock and then sent to Dr SNELL (The Jackson Laboratory) in 1935 (generation F26). The "c" was added by Dr SNELL to indicate that the genotype at the colour locus was c/c (albinism). In 1935, Dr SNELL sent breeders to Drs HESTON and ANDERVONT at the NIH. Dr ANDERVONT's substrain was incorporated into NIH main colonies in 1951. In 1961, Dr Bailey started breeding NIH BALB/c mice at the University of California (San Francisco, USA). When he moved to The Jackson Laboratory in 1967, he brought the strain (BALB/cBy) with him. In 1974 some of the breeding stock was transferred to the Production Department of The Jackson Laboratory and the J designation was added :BALB/cByJ.

This colony is similar to the NIH one, especially as regards ascites production. The **BALB/cByJRj** mice can show ulcerative blepharitis and periorbital abscesses. They can also present with hydrocephalus and malocclusion.



Reproductive data*	
Bigamous mating	
Litter size at birth	5.01
Weaning %	92
Productivity index	0.61
Sterility %	3.5
Gestation time	Between 18 and 20 days

* JANVIER LABS 2011 Data, for an indicative basis



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Main application and research fields

- Cardiovascular research
- Immunology: ascites production, monoclonal antibodies
- Inflammation
- Neurobiology
- Oncology
- Toxicology
- Virology

Our additional offer



Laboratory Services



Transgenic Services

Our added value

- The « JANVIER LABS Genetic Policy », a specific programme, guarantees homozygosity of autosomal pairs.
- 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.