

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 15, 2025

## BXD21/TyJ

RRID:IMSR\_JAX:000077

Type: Organism

---

### Proper Citation

RRID:IMSR\_JAX:000077

---

### Organism Information

**URL:** <https://www.jax.org/strain/000077>

**Proper Citation:** RRID:IMSR\_JAX:000077

**Description:** Mus musculus with name BXD21/TyJ from IMSR.

**Species:** Mus musculus

**Synonyms:** BXD-21/TyJ

**Notes:** gene symbol note: myosin VA|beta-2 microglobulin; recombinant inbred: Myo5a|B2m

**Affected Gene:** myosin VA|beta-2 microglobulin

**Genomic Alteration:** dilute|a variant

**Catalog Number:** JAX:000077

**Database:** International Mouse Resource Center IMSR, JAX

**Database Abbreviation:** IMSR

**Availability:** live

**Alternate IDs:** IMSR\_JAX:77

**Organism Name:** BXD21/TyJ

**Record Creation Time:** 20230509T193227+0000

**Record Last Update:** 20250412T090157+0000

---

## Ratings and Alerts

No rating or validation information has been found for BXD21/TyJ.

No alerts have been found for BXD21/TyJ.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** International Mouse Resource Center IMSR, JAX

---

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Khan AH, et al. (2023) Genetic pathways regulating the longitudinal acquisition of cocaine self-administration in a panel of inbred and recombinant inbred mice. *Cell reports*, 42(8), 112856.

Molendijk J, et al. (2022) Proteome-wide systems genetics identifies UFMylation as a regulator of skeletal muscle function. *eLife*, 11.

Ashbrook DG, et al. (2021) A platform for experimental precision medicine: The extended BXD mouse family. *Cell systems*, 12(3), 235.