

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

[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: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: BXD21/TyJ

Record Creation Time: 20250513T053615+0000

Record Last Update: 20260801T050318+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: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

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.