

# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

## BXD1/TyJ

RRID:IMSR\_JAX:000036

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:000036

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### Organism Information

**URL:** <https://www.jax.org/strain/000036>

**Proper Citation:** RRID:IMSR\_JAX:000036

**Description:** Mus musculus with name BXD1/TyJ from IMSR.

**Species:** Mus musculus

**Synonyms:** BXD-1/TyJ

**Notes:** gene symbol note: myosin VA; recombinant inbred: Myo5a

**Affected Gene:** myosin VA

**Genomic Alteration:** dilute

**Catalog Number:** JAX:000036

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** BXD1/TyJ

**Record Creation Time:** 20250513T053614+0000

**Record Last Update:** 20260808T050817+0000

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### Ratings and Alerts

No rating or validation information has been found for BXD1/TyJ.

No alerts have been found for BXD1/TyJ.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

G??mez-Pascual A, et al. (2026) The Smarcal1-Usp37 locus modulates glycogen aggregation in astrocytes of the aged hippocampus. Cell systems, 17(2), 101488.

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.

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

Parsons MJ, et al. (2012) Genetic variation in hippocampal microRNA expression differences in C57BL/6 J X DBA/2 J (BXD) recombinant inbred mouse strains. BMC genomics, 13, 476.