

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

BXD12/TyJ

RRID:IMSR_JAX:000045

Type: Organism

Proper Citation

RRID:IMSR_JAX:000045

Organism Information

URL: <https://www.jax.org/strain/000045>

Proper Citation: RRID:IMSR_JAX:000045

Description: Mus musculus with name BXD12/TyJ from IMSR.

Species: Mus musculus

Synonyms: BXD-12/TyJ

Notes: gene symbol note: beta-2 microglobulin; recombinant inbred: B2m

Affected Gene: beta-2 microglobulin

Genomic Alteration: a variant

Catalog Number: JAX:000045

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: BXD12/TyJ

Record Creation Time: 20250513T053614+0000

Record Last Update: 20260808T050817+0000

Ratings and Alerts

No rating or validation information has been found for BXD12/TyJ.

No alerts have been found for BXD12/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 [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.

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.