

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

BXD42/TyJ

RRID:IMSR_JAX:003230

Type: Organism

Proper Citation

RRID:IMSR_JAX:003230

Organism Information

URL: <https://www.jax.org/strain/003230>

Proper Citation: RRID:IMSR_JAX:003230

Description: Mus musculus with name BXD42/TyJ from IMSR.

Species: Mus musculus

Synonyms: BXD-42/TyJ

Notes: gene symbol note: ; recombinant inbred:

Catalog Number: JAX:003230

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: BXD42/TyJ

Record Creation Time: 20250513T053638+0000

Record Last Update: 20260905T044418+0000

Ratings and Alerts

No rating or validation information has been found for BXD42/TyJ.

No alerts have been found for BXD42/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 [NIF](#) .

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

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

Van Segbroeck M, et al. (2017) MUPET-Mouse Ultrasonic Profile ExTraction: A Signal Processing Tool for Rapid and Unsupervised Analysis of Ultrasonic Vocalizations. Neuron, 94(3), 465.