

# Resource Summary Report

Generated by SPARC SAWG on Jul 31, 2026

## BXD32/TyJ-Galc<sup>twi-5J</sup>/J

RRID:IMSR\_JAX:003613

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:003613

### Organism Information

**URL:** <https://www.jax.org/strain/003613>

**Proper Citation:** RRID:IMSR\_JAX:003613

**Description:** Mus musculus with name BXD32/TyJ-Galc<sup>twi-5J</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: galactosylceramidase; mutant strain: Galc

**Affected Gene:** galactosylceramidase

**Genomic Alteration:** twitcher 5 Jackson

**Catalog Number:** JAX:003613

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** BXD32/TyJ-Galc<sup>twi-5J</sup>/J

**Record Creation Time:** 20250513T053640+0000

**Record Last Update:** 20260725T044349+0000

### Ratings and Alerts

No rating or validation information has been found for BXD32/TyJ-Galc<sup>twi-5J</sup>/J.

No alerts have been found for BXD32/TyJ-Galc<sup>twi-5J</sup>/J.

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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 3 mentions in open access literature.

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

Cachón-González MB, et al. (2021) Expression of Ripk1 and DAM genes correlates with severity and progression of Krabbe disease. Human molecular genetics, 30(22), 2082.

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

Potter GB, et al. (2016) Neuroimmune mechanisms in Krabbe's disease. Journal of neuroscience research, 94(11), 1341.