

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

BTBR T⁺ Itpr3-Fbxl3/J

RRID:IMSR_JAX:016926

Type: Organism

Proper Citation

RRID:IMSR_JAX:016926

Organism Information

URL: <https://www.jax.org/strain/016926>

Proper Citation: RRID:IMSR_JAX:016926

Description: Mus musculus with name BTBR T⁺ Itpr3-Fbxl3/J from IMSR.

Species: Mus musculus

Synonyms: BTBR T⁺ Itpr3-Fbxl3/J

Notes: gene symbol note: brachyury; T-box transcription factor T|inositol 1;4;5-triphosphate receptor 3|F-box and leucine-rich repeat protein 3; coisogenic strain|mutant strain: T|Itpr3|Fbxl3

Affected Gene: brachyury; T-box transcription factor T|inositol 1;4;5-triphosphate receptor 3|F-box and leucine-rich repeat protein 3

Genomic Alteration: wild type|tufted|overtime

Catalog Number: JAX:016926

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: BTBR T⁺ Itpr3-Fbxl3/J

Record Creation Time: 20250513T053731+0000

Record Last Update: 20260808T050935+0000

Ratings and Alerts

No rating or validation information has been found for BTBR T⁺ Itpr3-Fbxl3/J.

No alerts have been found for BTBR T⁺ Itpr3-Fbxl3/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Steinmetz AB, et al. (2018) Insulin-Like Growth Factor II Targets the mTOR Pathway to Reverse Autism-Like Phenotypes in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(4), 1015.