

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

B6.129-Fto^{tm1.1Pzg}/YxtJ

RRID:IMSR_JAX:027830

Type: Organism

Proper Citation

RRID:IMSR_JAX:027830

Organism Information

URL: <https://www.jax.org/strain/027830>

Proper Citation: RRID:IMSR_JAX:027830

Description: Mus musculus with name B6.129-Fto^{tm1.1Pzg}/YxtJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: FTO alpha-ketoglutarate dependent dioxygenase; mutant strain|congenic strain: Fto

Affected Gene: FTO alpha-ketoglutarate dependent dioxygenase

Genomic Alteration: targeted mutation 1.1; Pumin Zhang

Catalog Number: JAX:027830

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Fto^{tm1.1Pzg}/YxtJ

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260905T044539+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Fto^{tm1.1Pzg}/YxtJ.

No alerts have been found for B6.129-Fto^{tm1.1Pzg}/YxtJ.

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 [NIF](#) .

Sarkar R, et al. (2025) The ZFP36-FTO axis is a key regulator of macrophage activation and a druggable therapeutic target of sepsis. iScience, 28(12), 114060.