

Resource Summary Report

Generated by [kravitz2](#) on Sep 19, 2026

B6.129(CBA)-Fto^{tm1.2Pzg/J}

RRID:IMSR_JAX:034855

Type: Organism

Proper Citation

RRID:IMSR_JAX:034855

Organism Information

URL: <https://www.jax.org/strain/034855>

Proper Citation: RRID:IMSR_JAX:034855

Description: Mus musculus with name B6.129(CBA)-Fto^{tm1.2Pzg/J} 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 1.2; Pumin Zhang

Catalog Number: JAX:034855

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(CBA)-Fto^{tm1.2Pzg/J}

Record Creation Time: 20250513T053846+0000

Record Last Update: 20260919T055029+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(CBA)-Fto^{tm1.2Pzg/J}.

No alerts have been found for B6.129(CBA)-Fto^{tm1.2Pzg/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 [kravitz2](#) .

Zhang D, et al. (2025) FTO inhibition attenuates renal fibrosis by downregulating ferroptosis activator ACSL4 and profibrotic factor TGFBI. iScience, 28(10), 113515.