

# Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

## B6.129(CBA)-Fto<sup>tm1.2Pzg/J</sup>

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<sup>tm1.2Pzg/J</sup> 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<sup>tm1.2Pzg/J</sup>

**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<sup>tm1.2Pzg/J</sup>.

No alerts have been found for B6.129(CBA)-Fto<sup>tm1.2Pzg/J</sup>.

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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 1 mentions in open access literature.

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

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