

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

B6.129-Fmr1^{tm1Rbd}/J

RRID:IMSR_JAX:010504

Type: Organism

Proper Citation

RRID:IMSR_JAX:010504

Organism Information

URL: <https://www.jax.org/strain/010504>

Proper Citation: RRID:IMSR_JAX:010504

Description: Mus musculus with name B6.129-Fmr1^{tm1Rbd}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129-Fmr1/J

Notes: gene symbol note: fragile X messenger ribonucleoprotein 1; congenic strain: Fmr1

Affected Gene: fragile X messenger ribonucleoprotein 1

Genomic Alteration: targeted mutation 1; Robert B Darnell

Catalog Number: JAX:010504

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129-Fmr1^{tm1Rbd}/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260808T050920+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Fmr1^{tm1Rbd}/J.

No alerts have been found for B6.129-Fmr1^{tm1Rbd}/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 [NIF](#) .

Vandenberg GG, et al. (2021) Astrocyte-mediated disruption of ROS homeostasis in Fragile X mouse model. *Neurochemistry international*, 146, 105036.