

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

[Fmr1^{tm1Cgr}](#)

RRID:MGI:3815018

Type: Organism

Proper Citation

RRID:MGI:3815018

Organism Information

URL:

Proper Citation: RRID:MGI:3815018

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: abnormal startle reflex, abnormal learning/memory/conditioning, increased prepulse inhibition, abnormal brain morphology, hyperactivity, increased stereotypic behavior, abnormal spatial learning

Affected Gene: Fmr1

Genomic Alteration: tm1Cgr

Catalog Number: 3815018

Background: B6.129P2-Fmr1/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14981523](#), [PMID:26306459](#)

Organism Name: Fmr1^{tm1Cgr}

Record Creation Time: 20240120T190410+0000

Record Last Update: 20240130T201902+0000

Ratings and Alerts

No rating or validation information has been found for Fmr1^{tm1Cgr}.

No alerts have been found for Fmr1^{tm1Cgr}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Bridi MCD, et al. (2025) Daily oscillation of the excitation/inhibition ratio is disrupted in two mouse models of autism. iScience, 28(1), 111494.

Coulson RL, et al. (2024) Translational modulator ISRIB alleviates synaptic and behavioral phenotypes in Fragile X syndrome. iScience, 27(4), 109259.