

Resource Summary Report

Generated by [ASWG](#) on Jul 29, 2026

FVB;129P-Fmr1^{tm1Cgr}/J

RRID:IMSR_JAX:002700

Type: Organism

Proper Citation

RRID:IMSR_JAX:002700

Organism Information

URL: <https://www.jax.org/strain/002700>

Proper Citation: RRID:IMSR_JAX:002700

Description: Mus musculus with name FVB;129P-Fmr1^{tm1Cgr}/J from IMSR.

Species: Mus musculus

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

Affected Gene: fragile X messenger ribonucleoprotein 1

Genomic Alteration: targeted mutation 1; Ben Oostra

Catalog Number: JAX:002700

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: FVB;129P-Fmr1^{tm1Cgr}/J

Record Creation Time: 20250513T053634+0000

Record Last Update: 20260725T044342+0000

Ratings and Alerts

No rating or validation information has been found for FVB;129P-Fmr1^{tm1Cgr}/J.

No alerts have been found for FVB;129P-Fmr1^{tm1Cgr}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Mercaldo V, et al. (2023) Altered striatal actin dynamics drives behavioral inflexibility in a mouse model of fragile X syndrome. Neuron, 111(11), 1760.

Wu X, et al. (2023) Developmental Impairments of Synaptic Refinement in the Thalamus of a Mouse Model of Fragile X Syndrome. Neuroscience bulletin.