

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 30, 2026

F344-Fmr1^{em1Rrrc}

RRID:RGD_11537344

Type: Organism

Proper Citation

RRID:RGD_11537344

Organism Information

URL:

Proper Citation: RRID:RGD_11537344

Description: The CRISPR/Cas9 genome editing system was used to generate this mutant rat strain. It inserted 55-79 copies of human premutation CGG repeats of the FMR1 gene into rat Fmr1. The recipient zygotes were from inbred strain F344 at RRRC. [Rat Resource and Research Center](#) This is a legacy resource.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 genome editing system was used to generate this mutant rat strain. It inserted 55-79 copies of human premutation CGG repeats of the FMR1 gene into rat Fmr1. The recipient zygotes were from inbred strain F344 at RRRC. [Rat Resource and Research Center](#) This is a legacy resource.

Phenotype: (null)

Affected Gene: (null)

Genomic Alteration: (null)

Catalog Number: 11537344

Background: mutant

Database: RGD, Rat Genome Database Strain List RGD

Database Abbreviation: RGD

Availability: Not Available

Organism Name: F344-Fmr1^{em1Rrrc}

Record Creation Time: 20240120T185716+0000

Record Last Update: 20240131T154017+0000

Ratings and Alerts

No rating or validation information has been found for F344-*Fmr1*^{em1Rrrc}.

No alerts have been found for F344-*Fmr1*^{em1Rrrc}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RGD, Rat Genome Database Strain List RGD

Usage and Citation Metrics

We have not found any literature mentions for this resource.