

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

SD-Fmr1^{em1Mzhe}

RRID:RGD_45073130

Type: Organism

Proper Citation

RRID:RGD_45073130

Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=45073130>

Proper Citation: RRID:RGD_45073130

Description: Rattus norvegicus with name SD-Fmr1^{em1Mzhe} from RGD.

Species: Rattus norvegicus

Notes: The CRISPR/Cas9 system was used to introduce deletions/mutations in exon 4 of the rat Fmr1 gene of outbred Sprague- Dawley embryos. The resulting mutation is a deletion of five amino acids and a G-A mutation in the Fmr1 gene. This genetic modification results in a frame-shift starting from the second Agenet-like 2 domain in the Fmr1 protein.

Catalog Number: 45073130

Background: mutant

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 45073130

Organism Name: SD-Fmr1^{em1Mzhe}

Record Creation Time: 20230509T191951+0000

Record Last Update: 20260829T184957+0000

Ratings and Alerts

No rating or validation information has been found for SD-*Fmr1*^{em1Mzhe}.

No alerts have been found for SD-*Fmr1*^{em1Mzhe}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.