

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

129S1.Cg-Fbn1^{tm3Rmz}/RmzMmnc

RRID:MMRRC_069519-UNC

Type: Organism

Proper Citation

RRID:MMRRC_069519-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=69519

Proper Citation: RRID:MMRRC_069519-UNC

Description: Mus musculus with name 129S1.Cg-Fbn1^{tm3Rmz}/RmzMmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Dermatology, Models for Human Disease;
Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased bone mineral density [MP:0000063]| abnormal trabecular bone morphology [MP:0000130]| abnormal rib morphology [MP:0000150]| overexpanded pulmonary alveoli [MP:0001183]| abnormal respiration [MP:0001943]| abnormal diaphragm morphology [MP:0002279]| abnormal intercostal muscle morphology [MP:0002280]| abnormal bone marrow cell morphology/development [MP:0002398]| abnormal bone remodeling [MP:0002998]| abnormal aorta elastic fiber morphology [MP:0003211]| diaphragmatic hernia [MP:0003924]| decreased bone mass [MP:0004016]| long ribs [MP:0004671]| hemothorax [MP:0005243]| hemopericardium [MP:0005244]| abnormal skin tensile strength [MP:0005275]| aortic aneurysm [MP:0006278]| decreased trabecular bone thickness [MP:0009346]| abnormal aorta elastic tissue morphology [MP:0009862]| abnormal aorta tunica media morphology [MP:0009873]| ascending aorta dilation [MP:0010470]| abnormal bone trabecula morphology [MP:0010867]| decreased bone trabecula number [MP:0010869]| decreased bone volume [MP:0010876]| postnatal lethality [MP:0011085]| complete penetrance [MP:0011099]| lethality throughout fetal growth and development [MP:0011109]

Affected Gene: Fbn1

Catalog Number: 069519-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:16407178](#)

Alternate IDs: MMRRC_69519-UNC, MMRRC_069519, MMRRC_69519

Organism Name: 129S1.Cg-*Fbn1*^{tm3Rmz}/RmzMmnc

Record Creation Time: 20230308T055518+0000

Record Last Update: 20260808T125048+0000

Ratings and Alerts

No rating or validation information has been found for 129S1.Cg-*Fbn1*^{tm3Rmz}/RmzMmnc.

No alerts have been found for 129S1.Cg-*Fbn1*^{tm3Rmz}/RmzMmnc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.