

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Fgfr3^{tm4.1Cxd}/Fgfr3⁺](#)

RRID:MGI:3640318

Type: Organism

Proper Citation

RRID:MGI:3640318

Organism Information

URL:

Proper Citation: RRID:MGI:3640318

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

Species: Mus musculus

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

Phenotype: increased diameter of long bones, mortality/aging, failure of sternum ossification, short femur, short limbs, short tibia, neonatal lethality, complete penetrance, wide sternum, increased fibroblast proliferation, abnormal thoracic cage shape, abnormal ulna morphology, small thoracic cage, impaired lung alveolus development, abnormal long bone epiphyseal plate proliferative zone, increased chondrocyte proliferation, abnormal bone ossification, abnormal osteoblast physiology, abnormal spine curvature, abnormal long bone morphology, abnormal long bone diaphysis morphology, abnormal long bone hypertrophic chondrocyte zone, short humerus, abnormal long bone epiphyseal plate morphology, abnormal costal cartilage morphology, abnormal chondrocyte differentiation, bowed ulna, short ulna, decreased length of long bones, round head

Affected Gene: Fgfr3

Genomic Alteration: tm4.1Cxd

Catalog Number: 3640318

Background: involves: 129S6/SvEvTac * NIH Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10861287](#), [PMID:11406607](#)

Organism Name: Fgfr3^{tm4.1Cxd}/Fgfr3⁺

Record Creation Time: 20240120T190551+0000

Record Last Update: 20240130T202000+0000

Ratings and Alerts

No rating or validation information has been found for Fgfr3^{tm4.1Cxd}/Fgfr3⁺.

No alerts have been found for Fgfr3^{tm4.1Cxd}/Fgfr3⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.