

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Fgfr3^{tm1Dor}/Fgfr3^{tm1Dor}](#)

RRID:MGI:3589422

Type: Organism

Proper Citation

RRID:MGI:3589422

Organism Information

URL:

Proper Citation: RRID:MGI:3589422

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

Species: Mus musculus

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

Phenotype: abnormal axial skeleton morphology, abnormal cochlear outer hair cell morphology, increased long bone epiphyseal plate size, absent gastric milk in neonates, bowed humerus, abnormal femur morphology, abnormal humerus morphology, bowed femur, abnormal long bone hypertrophic chondrocyte zone, abnormal organ of Corti morphology, abnormal rib morphology, enlarged vertebral body, absent tunnel of Corti, deafness, decreased body weight, increased width of hypertrophic chondrocyte zone, kinked tail, kyphosis, postnatal lethality, incomplete penetrance, scoliosis, premature death, increased or absent threshold for auditory brainstem response, small thoracic cavity, increased Deiters cell number, abnormal pillar cell differentiation, abnormal long bone morphology, absent pillar cells, sensorineural hearing loss, abnormal cochlear OHC efferent innervation pattern, abnormal cochlea morphology, long femur

Affected Gene: Fgfr3

Genomic Alteration: tm1Dor

Catalog Number: 3589422

Background: involves: 129S6/SvEvTac * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:8630492](#)

Organism Name: Fgfr3^{tm1Dor}/Fgfr3^{tm1Dor}

Record Creation Time: 20240120T190621+0000

Record Last Update: 20240130T202017+0000

Ratings and Alerts

No rating or validation information has been found for Fgfr3^{tm1Dor}/Fgfr3^{tm1Dor}.

No alerts have been found for Fgfr3^{tm1Dor}/Fgfr3^{tm1Dor}.

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.