

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Nfix^{tm1Aes}](#)/[Nfix^{tm1Aes}](#)

RRID:MGI:3714196

Type: Organism

Proper Citation

RRID:MGI:3714196

Organism Information

URL:

Proper Citation: RRID:MGI:3714196

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

Species: Mus musculus

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

Phenotype: ataxia, decreased body size, decreased compact bone thickness, delayed bone ossification, abnormal bone mineralization, dilated lateral ventricles, dilated third ventricle, domed cranium, increased long bone epiphyseal plate size, hydrocephaly, intervertebral disk degeneration, kyphosis, limb grasping, lordosis, megacephaly, lethality at weaning, incomplete penetrance, scoliosis, weight loss, abnormal long bone epiphyseal plate morphology, abnormal long bone hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate proliferative zone, abnormal intervertebral disk morphology, abnormal craniofacial bone morphology, abnormal cranial suture morphology, abnormal corpus callosum morphology, decreased trabecular bone mass, abnormal spine curvature, decreased trabecular bone thickness, abnormal small intestine morphology, abnormal timing of postnatal eyelid opening, abnormal vertebral body morphology, delayed endochondral bone ossification

Affected Gene: Nfix

Genomic Alteration: tm1Aes

Catalog Number: 3714196

Background: involves: 129S1/Sv * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17353270](#)

Organism Name: Nfix^{tm1Aes}/Nfix^{tm1Aes}

Record Creation Time: 20240120T190517+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Nfix^{tm1Aes}/Nfix^{tm1Aes}.

No alerts have been found for Nfix^{tm1Aes}/Nfix^{tm1Aes}.

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.