

# Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[Nfix<sup>tm1Aes</sup>](#)/[Nfix<sup>tm1Aes</sup>](#)

RRID:MGI:3714196

Type: Organism

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## Proper Citation

RRID:MGI:3714196

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## 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<sup>tm1Aes</sup>/Nfix<sup>tm1Aes</sup>

**Record Creation Time:** 20240120T190517+0000

**Record Last Update:** 20240130T201940+0000

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## Ratings and Alerts

No rating or validation information has been found for Nfix<sup>tm1Aes</sup>/Nfix<sup>tm1Aes</sup>.

No alerts have been found for Nfix<sup>tm1Aes</sup>/Nfix<sup>tm1Aes</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.