

Resource Summary Report

Generated by [NIF](#) on Aug 16, 2026

[Fat4^{tm1.1Hmc}/Fat4^{tm1.1Hmc}](#)

RRID:MGI:4941822

Type: Organism

Proper Citation

RRID:MGI:4941822

Organism Information

URL:

Proper Citation: RRID:MGI:4941822

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

Species: Mus musculus

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

Phenotype: small lung, kidney cysts, abnormal orientation of cochlear hair cell stereociliary bundles, abnormal lumbar vertebrae morphology, abnormal neural tube morphology, small kidney, abnormal orientation of outer hair cell stereociliary bundles, abnormal vertebrae morphology, abnormal interatrial septum morphology, abnormal endochondral bone ossification, abnormal vertebrae development, decreased kidney cell proliferation, increased kidney apoptosis, abnormal intestine morphology, abnormal kidney development, abnormal sternum ossification, wide sternum, abnormal thoracic vertebrae morphology, impaired branching involved in ureteric bud morphogenesis, short sternum, abnormal cochlea morphology

Affected Gene: Fat4

Genomic Alteration: tm1.1Hmc

Catalog Number: 4941822

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21303848](#)

Organism Name: Fat4^{tm1.1Hmc}/Fat4^{tm1.1Hmc}

Record Creation Time: 20240120T190229+0000

Record Last Update: 20240130T201808+0000

Ratings and Alerts

No rating or validation information has been found for Fat4^{tm1.1Hmc}/Fat4^{tm1.1Hmc}.

No alerts have been found for Fat4^{tm1.1Hmc}/Fat4^{tm1.1Hmc}.

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.