

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

[Gfra4^{tm1Msa}/Gfra4^{tm1Msa}](#)

RRID:MGI:3628647

Type: Organism

Proper Citation

RRID:MGI:3628647

Organism Information

URL:

Proper Citation: RRID:MGI:3628647

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

Species: Mus musculus

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

Phenotype: increased bone mineralization, abnormal thyroid gland physiology, increased bone ossification

Affected Gene: Gfra4

Genomic Alteration: tm1Msa

Catalog Number: 3628647

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6JOlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16497798](#)

Organism Name: Gfra4^{tm1Msa}/Gfra4^{tm1Msa}

Record Creation Time: 20240120T190555+0000

Record Last Update: 20240130T202002+0000

Ratings and Alerts

No rating or validation information has been found for Gfra4^{tm1Msa}/Gfra4^{tm1Msa}.

No alerts have been found for Gfra4^{tm1Msa}/Gfra4^{tm1Msa}.

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.