

Resource Summary Report

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

[Fgf23^{tm1Tyam}/Fgf23^{tm1Tyam}](#)

RRID:MGI:3033446

Type: Organism

Proper Citation

RRID:MGI:3033446

Organism Information

URL:

Proper Citation: RRID:MGI:3033446

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

Species: Mus musculus

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

Phenotype: increased circulating calcium level, hypoglycemia, spleen hypoplasia, postnatal growth retardation, thymus atrophy, decreased circulating triglyceride level, increased circulating cholesterol level, decreased body weight, short femur, abnormal skeleton development, decreased bone mineral density, decreased body size, abnormal blood urea nitrogen level, decreased chondrocyte number, decreased lymphocyte cell number, abnormal renal glomerulus morphology, increased circulating phosphate level, infertility, premature death, decreased circulating parathyroid hormone level, abnormal kidney morphology, abnormal reproductive system morphology, abnormal renal phosphate reabsorbtion, abnormal vitamin D level

Affected Gene: Fgf23

Genomic Alteration: tm1Tyam

Catalog Number: 3033446

Background: involves: C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14966565](#)

Organism Name: Fgf23^{tm1Tyam}/Fgf23^{tm1Tyam}

Record Creation Time: 20240120T190710+0000

Record Last Update: 20240130T202045+0000

Ratings and Alerts

No rating or validation information has been found for Fgf23^{tm1Tyam}/Fgf23^{tm1Tyam}.

No alerts have been found for Fgf23^{tm1Tyam}/Fgf23^{tm1Tyam}.

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.