

# Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

## [Fgf23<sup>tm1Tyam</sup>/Fgf23<sup>tm1Tyam</sup>](#)

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<sup>tm1Tyam</sup>/Fgf23<sup>tm1Tyam</sup>

**Record Creation Time:** 20240120T190710+0000

**Record Last Update:** 20240130T202045+0000

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## Ratings and Alerts

No rating or validation information has been found for Fgf23<sup>tm1Tyam</sup>/Fgf23<sup>tm1Tyam</sup>.

No alerts have been found for Fgf23<sup>tm1Tyam</sup>/Fgf23<sup>tm1Tyam</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.