

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 2026

[Cyp27b1^{tm1Star}](#)/[Cyp27b1^{tm1Star}](#)

RRID:MGI:3045592

Type: Organism

Proper Citation

RRID:MGI:3045592

Organism Information

URL:

Proper Citation: RRID:MGI:3045592

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

Species: Mus musculus

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

Phenotype: osteomalacia, decreased circulating phosphate level, postnatal growth retardation, slow postnatal weight gain, decreased circulating calcium level, decreased bone mineralization, decreased bone mineral density, abnormal blood homeostasis, disorganized long bone epiphyseal plate, enlarged parathyroid gland, abnormal bone mineralization, integument phenotype, rickets, abnormal bone mineralization, increased long bone epiphyseal plate size, decreased circulating calcium level, abnormal long bone metaphysis morphology, integument phenotype, increased circulating alkaline phosphatase level, increased circulating parathyroid hormone level, decreased body size

Affected Gene: Cyp27b1

Genomic Alteration: tm1Star

Catalog Number: 3045592

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12674324](#), [PMID:11415990](#), [PMID:11416036](#), [PMID:12205031](#), [PMID:12689675](#)

Organism Name: Cyp27b1^{tm1Star}/Cyp27b1^{tm1Star}

Record Creation Time: 20240120T190657+0000

Record Last Update: 20240130T202114+0000

Ratings and Alerts

No rating or validation information has been found for Cyp27b1^{tm1Star}/Cyp27b1^{tm1Star}.

No alerts have been found for Cyp27b1^{tm1Star}/Cyp27b1^{tm1Star}.

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.