

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[Thra^{tm1Syc}/Thra⁺](#)

RRID:MGI:3719479

Type: Organism

Proper Citation

RRID:MGI:3719479

Organism Information

URL:

Proper Citation: RRID:MGI:3719479

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

Species: Mus musculus

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

Phenotype: short tibia, delayed cranial suture closure, abnormal trabecular bone morphology, abnormal long bone epiphyseal ossification zone morphology, short ulna, postnatal growth retardation, delayed intramembranous bone ossification, delayed endochondral bone ossification, decreased width of hypertrophic chondrocyte zone, abnormal long bone epiphyseal plate proliferative zone, abnormal long bone epiphyseal plate morphology, abnormal compact bone morphology, abnormal bone mineralization, wide cranial sutures, abnormal bone structure, large fontanelles, increased bone mineral content, increased bone trabecula number, increased compact bone volume, increased long bone epiphyseal plate size, increased thyroid-stimulating hormone level, increased trabecular bone thickness, increased trabecular bone volume, increased triiodothyronine level, abnormal bone mineral content, abnormal bone mineralization, abnormal bone remodeling, abnormal bone strength, abnormal hormone level, abnormal joint morphology, abnormal long bone diaphysis morphology, abnormal long bone metaphysis morphology, abnormal osteoclast physiology, decreased bone mineral content, decreased bone resorption, increased diameter of long bones, decreased length of long bones, decreased osteoclast cell number, delayed endochondral bone ossification, increased compact bone thickness

Affected Gene: Thra

Genomic Alteration: tm1Syc

Catalog Number: 3719479

Background: involves: 129S6/SvEvTac * C57BL/6J * NIH Black Swiss

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24914936](#), [PMID:16051666](#)

Organism Name: Thra^{tm1Syc}/Thra⁺

Record Creation Time: 20240120T190507+0000

Record Last Update: 20240130T201934+0000

Ratings and Alerts

No rating or validation information has been found for Thra^{tm1Syc}/Thra⁺.

No alerts have been found for Thra^{tm1Syc}/Thra⁺.

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.