

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[Tg\(Col2a1-cre\)1Xya; Pten^{tm2Mak}/Pten^{tm2Mak}](#)

RRID:MGI:3829655

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3829655

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

Species: Mus musculus

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

Phenotype: hindlimb paralysis, abnormal long bone morphology, abnormal bone structure, increased bone mineral density, abnormal cartilage morphology, ectopic cartilage, abnormal chondrocyte morphology, premature death, kyphosis, abnormal epiphyseal plate morphology, abnormal long bone epiphysis morphology, abnormal long bone hypertrophic chondrocyte zone, altered tumor susceptibility, long tail, abnormal bone marrow cavity morphology, increased body length

Affected Gene: Pten

Genomic Alteration: tm2Mak, Tg(Col2a1-cre)1Xya

Catalog Number: 3829655

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18832389](#)

Organism Name: Tg(Col2a1-cre)1Xya; Pten^{tm2Mak}/Pten^{tm2Mak}

Record Creation Time: 20240120T190359+0000

Record Last Update: 20240130T201856+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Col2a1-cre)1Xya; Pten^{tm2Mak}/Pten^{tm2Mak}.

No alerts have been found for Tg(Col2a1-cre)1Xya; Pten^{tm2Mak}/Pten^{tm2Mak}.

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.