

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

[Smad3^{tm1Cxd}/Smad3^{tm1Cxd}](#)

RRID:MGI:3760091

Type: Organism

Proper Citation

RRID:MGI:3760091

Organism Information

URL:

Proper Citation: RRID:MGI:3760091

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

Species: Mus musculus

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

Phenotype: abnormal leukocyte physiology, calcified joint, abnormal synovial joint capsule morphology, decreased susceptibility to injury, enhanced wound healing, abnormal kidney epithelium morphology, abnormal chondrocyte morphology, abnormal skeleton physiology, kyphoscoliosis, osteoarthritis, decreased bone mineral density, increased width of hypertrophic chondrocyte zone, abnormal joint morphology, kyphosis, abnormal tarsal bone morphology, abnormal rib morphology, decreased B cell apoptosis, abnormal locomotor behavior, abnormal cartilage morphology, abnormal keratinocyte physiology, abnormal articular cartilage morphology, abnormal epiphyseal plate morphology, abnormal forelimb morphology

Affected Gene: Smad3

Genomic Alteration: tm1Cxd

Catalog Number: 3760091

Background: involves: 129S6/SvEvTac

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:18704116](#), [PMID:11285272](#), [PMID:14617750](#), [PMID:10559937](#)

Organism Name: Smad3^{tm1Cxd}/Smad3^{tm1Cxd}

Record Creation Time: 20240120T190458+0000

Record Last Update: 20240130T201930+0000

Ratings and Alerts

No rating or validation information has been found for Smad3^{tm1Cxd}/Smad3^{tm1Cxd}.

No alerts have been found for Smad3^{tm1Cxd}/Smad3^{tm1Cxd}.

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.