

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[Postn^{tm1Sjc}/Postn^{tm1Sjc}](#)

RRID:MGI:3629331

Type: Organism

Proper Citation

RRID:MGI:3629331

Organism Information

URL:

Proper Citation: RRID:MGI:3629331

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

Species: Mus musculus

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

Phenotype: postnatal growth retardation, postnatal lethality, incomplete penetrance, decreased body weight, abnormal long bone morphology, reduced female fertility, abnormal dentin mineralization, short ribs, abnormal heart valve morphology, abnormal molar root morphology, abnormal tooth root resorption, abnormal tooth hard tissue morphology, abnormal ameloblast morphology, small uterus, small scapula, small ovary, abnormal periodontal ligament morphology, small oviduct, abnormal enamel morphology, abnormal dentin morphology, periodontium inflammation, abnormal incisor morphology, thin ribs, muscle phenotype, female infertility, endocrine/exocrine gland phenotype, absent estrous cycle, abnormal female reproductive system physiology, abnormal trabecular bone morphology, short tibia, short femur, short ulna, abnormal rib morphology, short radius, short humerus, abnormal epiphyseal plate morphology, small cranium, decreased body size

Affected Gene: Postn

Genomic Alteration: tm1Sjc

Catalog Number: 3629331

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16314533](#)

Organism Name: Postn^{tm1Sjc}/Postn^{tm1Sjc}

Record Creation Time: 20240120T190554+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Postn^{tm1Sjc}/Postn^{tm1Sjc}.

No alerts have been found for Postn^{tm1Sjc}/Postn^{tm1Sjc}.

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.