

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[Tg\(Col2a1-cre\)1Bhr; Ptch1^{tm1Yy}/Ptch1^{tm1.1Yy};
Ctnnb1^{tm1Yy}/Ctnnb1^{tm1.1Yy}](#)

RRID:MGI:3687747

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3687747

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

Species: Mus musculus

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

Phenotype: craniofacial phenotype, arrested osteoblast differentiation, abnormal perichondrium morphology, abnormal long bone hypertrophic chondrocyte zone, abnormal elbow joint morphology, delayed endochondral bone ossification, fused synovial joints, decreased bone mineralization

Affected Gene: Ptch1, Ctnnb1

Genomic Alteration: tm1Yy, Tg(Col2a1-cre)1Bhr, tm1.1Yy

Catalog Number: 3687747

Background: involves: 129S6/SvEvTac * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16936073](#)

Organism Name: Tg(Col2a1-cre)1Bhr; Ptch1^{tm1Yy}/Ptch1^{tm1.1Yy}; Ctnnb1^{tm1Yy}/Ctnnb1^{tm1.1Yy}

Record Creation Time: 20240120T190543+0000

Record Last Update: 20240130T201955+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Col2a1-cre)1Bhr; Ptch1^{tm1Yy}/Ptch1^{tm1.1Yy}; Ctnnb1^{tm1Yy}/Ctnnb1^{tm1.1Yy}.

No alerts have been found for Tg(Col2a1-cre)1Bhr; Ptch1^{tm1Yy}/Ptch1^{tm1.1Yy}; Ctnnb1^{tm1Yy}/Ctnnb1^{tm1.1Yy}.

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.