

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

[Col27a1^{tm1.2Rpbh}](#)/[Col27a1^{tm1.2Rpbh}](#)

RRID:MGI:5315596

Type: Organism

Proper Citation

RRID:MGI:5315596

Organism Information

URL:

Proper Citation: RRID:MGI:5315596

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

Species: Mus musculus

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

Phenotype: domed cranium, decreased length of long bones, abnormal skeleton morphology, abnormal pulmonary alveolar sac morphology, abnormal lung morphology, short limbs, respiratory failure, decreased fetal size, neonatal lethality, complete penetrance, abnormal chondrocyte physiology, abnormal epiphyseal plate morphology, abnormal long bone epiphyseal plate proliferative zone, chondrodystrophy, short sternum, split xiphoid process, sternebra fusion, mandibular retrognathia, abnormal chondrocyte morphology, umbilical hernia

Affected Gene: Col27a1

Genomic Alteration: tm1.2Rpbh

Catalog Number: 5315596

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22206015](#)

Organism Name: Col27a1^{tm1.2Rpbh}/Col27a1^{tm1.2Rpbh}

Record Creation Time: 20240120T190152+0000

Record Last Update: 20240130T201745+0000

Ratings and Alerts

No rating or validation information has been found for Col27a1^{tm1.2Rpbh}/Col27a1^{tm1.2Rpbh}.

No alerts have been found for Col27a1^{tm1.2Rpbh}/Col27a1^{tm1.2Rpbh}.

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.