

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 27, 2025

[Col13a1^{tm3.1Pih}](#)/[Col13a1^{tm3.1Pih}](#)

RRID:MGI:4838425

Type: Organism

Proper Citation

RRID:MGI:4838425

Organism Information

URL:

Proper Citation: RRID:MGI:4838425

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, abnormal synaptic vesicle morphology, abnormal miniature endplate potential, abnormal endplate potential, abnormal neuromuscular synapse morphology, tremors, abnormal synaptic acetylcholine release

Affected Gene: Col13a1

Genomic Alteration: tm3.1Pih

Catalog Number: 4838425

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20844119](#)

Organism Name: Col13a1^{tm3.1Pih}/Col13a1^{tm3.1Pih}

Record Creation Time: 20240120T190241+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Col13a1^{tm3.1Pih}/Col13a1^{tm3.1Pih}.

No alerts have been found for Col13a1^{tm3.1Pih}/Col13a1^{tm3.1Pih}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zainul Z, et al. (2018) Collagen XIII Is Required for Neuromuscular Synapse Regeneration and Functional Recovery after Peripheral Nerve Injury. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(17), 4243.