

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[Atp6v1h^{em1Xhd}/Atp6v1h⁺](#)

RRID:MGI:5829030

Type: Organism

Proper Citation

RRID:MGI:5829030

Organism Information

URL:

Proper Citation: RRID:MGI:5829030

Description: Allele Detail: Endonuclease-mediated This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Endonuclease-mediated This is a legacy resource.

Phenotype: osteoporosis, decreased circulating phosphate level, abnormal cartilage development, decreased trabecular bone thickness, decreased osteoblast cell number, abnormal osteoclast differentiation, abnormal osteoblast morphology, increased circulating calcium level, hematopoietic system phenotype, increased circulating alkaline phosphatase level, decreased bone volume, decreased bone ossification, abnormal osteoclast physiology, decreased bone mineralization, decreased bone mass, decreased alkaline phosphatase activity

Affected Gene: Atp6v1h

Genomic Alteration: em1Xhd

Catalog Number: 5829030

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:27924156](#)

Organism Name: Atp6v1h^{em1Xhd}/Atp6v1h⁺

Record Creation Time: 20240120T185841+0000

Record Last Update: 20240130T201548+0000

Ratings and Alerts

No rating or validation information has been found for Atp6v1h^{em1Xhd}/Atp6v1h⁺.

No alerts have been found for Atp6v1h^{em1Xhd}/Atp6v1h⁺.

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.