

Resource Summary Report

Generated by [T1D](#) on Sep 17, 2026

[Zmpste24^{tm1Sgy}/Zmpste24^{tm1Sgy}](#)

RRID:MGI:3620907

Type: Organism

Proper Citation

RRID:MGI:3620907

Organism Information

URL:

Proper Citation: RRID:MGI:3620907

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

Species: Mus musculus

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

Phenotype: abnormal bone structure, abnormal long bone morphology, abnormal skeleton physiology, abnormal cell nucleus morphology, abnormal thoracic vertebrae morphology, decreased grip strength, premature death, decreased subcutaneous adipose tissue amount, liver/biliary system phenotype, cardiovascular system phenotype, abnormal axial skeleton morphology, abnormal zygomatic bone morphology, abnormal grip strength, abnormal cell nucleus morphology, abnormal gait, abnormal fibula morphology, abnormal cell physiology, cachexia, abnormal tibia morphology, long lower incisors, abnormal mandible morphology, progressive muscle weakness, postnatal growth retardation, decreased compact bone thickness, decreased bone mineral density, abnormal craniofacial bone morphology, abnormal cranial suture morphology, fragile skeleton, abnormal rib morphology, abnormal incisor morphology, abnormal lower incisor morphology, decreased circulating total protein level, decreased circulating glucose level, abnormal grip strength, fragile skeleton, postnatal growth retardation, premature death, alopecia, abnormal zygomatic arch morphology, abnormal cranial suture morphology, fragile skeleton, rib fractures, kyphosis, micrognathia, postnatal growth retardation, progressive muscle weakness, abnormal trabecular bone morphology

Affected Gene: Zmpste24

Genomic Alteration: tm1Sgy

Catalog Number: 3620907

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16511604](#), [PMID:15608054](#), [PMID:12235369](#)

Organism Name: Zmpste24^{tm1Sgy}/Zmpste24^{tm1Sgy}

Record Creation Time: 20240120T190602+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Zmpste24^{tm1Sgy}/Zmpste24^{tm1Sgy}.

No alerts have been found for Zmpste24^{tm1Sgy}/Zmpste24^{tm1Sgy}.

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.