

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

[Sbno2^{tm1.1Aki}](#)/[Sbno2^{tm1.1Aki}](#)

RRID:MGI:5551987

Type: Organism

Proper Citation

RRID:MGI:5551987

Organism Information

URL:

Proper Citation: RRID:MGI:5551987

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

Species: Mus musculus

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

Phenotype: abnormal bone ossification, immune system phenotype, osteopetrosis, increased bone mass, increased bone trabecula number, muscle phenotype, increased bone volume, increased trabecular bone thickness, hematopoietic system phenotype, decreased body weight, preweaning lethality, incomplete penetrance, impaired osteoblast differentiation, abnormal skeleton development, abnormal bone mineralization, abnormal osteoclast physiology, abnormal osteoclast morphology, abnormal bone trabecula morphology

Affected Gene: Sbno2

Genomic Alteration: tm1.1Aki

Catalog Number: 5551987

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23980096](#)

Organism Name: Sbno2^{tm1.1Aki}/Sbno2^{tm1.1Aki}

Record Creation Time: 20240120T190054+0000

Record Last Update: 20240130T201710+0000

Ratings and Alerts

No rating or validation information has been found for Sbno2^{tm1.1Aki}/Sbno2^{tm1.1Aki}.

No alerts have been found for Sbno2^{tm1.1Aki}/Sbno2^{tm1.1Aki}.

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.