

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[Tnfsf11^{tm1Ywc}/Tnfsf11^{tm1Ywc}](#)

RRID:MGI:3800941

Type: Organism

Proper Citation

RRID:MGI:3800941

Organism Information

URL:

Proper Citation: RRID:MGI:3800941

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

Species: Mus musculus

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

Phenotype: abnormal long bone epiphyseal plate proliferative zone, decreased osteoclast cell number, increased width of hypertrophic chondrocyte zone, abnormal chondrocyte differentiation, abnormal pelvic girdle bone morphology, decreased length of long bones, increased long bone epiphyseal plate size, short tibia, abnormal chondrocyte morphology, increased diameter of tibia, failure of tooth eruption, decreased osteoclast cell number, abnormal long bone epiphyseal plate morphology, abnormal spleen marginal zone morphology, abnormal spleen morphology, short vertebral column, abnormal spleen B cell follicle morphology, decreased cranium height, absent cervical lymph nodes, abnormal cervical lymph node morphology, absent peripheral lymph nodes, absent mesenteric lymph nodes, decreased Peyer's patch number, optic canal stenosis, abnormal thymus cell ratio, abnormal splenic cell ratio, abnormal lung morphology, abnormal long bone internal diameter, abnormal bone marrow morphology, decreased bone marrow cell number, decreased bone mineral density, decreased bone trabecula number, decreased circulating calcium level, decreased spleen white pulp amount, extramedullary hematopoiesis, failure of tooth eruption, increased bone mineral density, increased bone mineralization, increased bone volume, increased spleen red pulp amount, increased trabecular bone thickness, osteopetrosis, small thymus medulla, small Peyer's patches, decreased body weight, decreased Langerhans cell number

Affected Gene: Tnfsf11

Genomic Alteration: tm1Ywc

Catalog Number: 3800941

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10984520](#), [PMID:18606662](#), [PMID:22836362](#), [PMID:11085748](#)

Organism Name: Tnfsf11^{tm1Ywc}/Tnfsf11^{tm1Ywc}

Record Creation Time: 20240120T190427+0000

Record Last Update: 20240130T201940+0000

Ratings and Alerts

No rating or validation information has been found for Tnfsf11^{tm1Ywc}/Tnfsf11^{tm1Ywc}.

No alerts have been found for Tnfsf11^{tm1Ywc}/Tnfsf11^{tm1Ywc}.

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.