

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

[Fos^{tm1Wag}/Fos^{tm1Wag}](#)

RRID:MGI:3700975

Type: Organism

Proper Citation

RRID:MGI:3700975

Organism Information

URL:

Proper Citation: RRID:MGI:3700975

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

Species: Mus musculus

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

Phenotype: decreased B cell number, abnormal thymus size, abnormal long bone epiphyseal plate proliferative zone, abnormal spleen white pulp morphology, abnormal long bone hypertrophic chondrocyte zone, abnormal long bone epiphysis morphology, increased bone trabecula number, abnormal long bone metaphysis morphology, abnormal spleen morphology, abnormal bone marrow cavity morphology, absent teeth, abnormal cytokine secretion, increased susceptibility to bacterial infection, increased macrophage cytokine production, increased macrophage apoptosis, abnormal macrophage physiology, increased T cell number, abnormal compact bone morphology, abnormal compact bone thickness, osteopetrosis, short limbs, transmission ratio distortion, short snout, decreased splenocyte number, decreased thymocyte number, failure of tooth eruption, decreased double-positive T cell number, decreased body weight

Affected Gene: Fos

Genomic Alteration: tm1Wag

Catalog Number: 3700975

Background: involves: 129S2/SvPas * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:1465144](#), [PMID:17178788](#)

Organism Name: Fos^{tm1Wag}/Fos^{tm1Wag}

Record Creation Time: 20240120T190528+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for Fos^{tm1Wag}/Fos^{tm1Wag}.

No alerts have been found for Fos^{tm1Wag}/Fos^{tm1Wag}.

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.