

# Resource Summary Report

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

## [Fos<sup>tm1Wag</sup>/Fos<sup>tm1Wag</sup>](#)

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<sup>tm1Wag</sup>/Fos<sup>tm1Wag</sup>

**Record Creation Time:** 20240120T190528+0000

**Record Last Update:** 20240130T201946+0000

---

## Ratings and Alerts

No rating or validation information has been found for Fos<sup>tm1Wag</sup>/Fos<sup>tm1Wag</sup>.

No alerts have been found for Fos<sup>tm1Wag</sup>/Fos<sup>tm1Wag</sup>.

---

## 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.