

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

[Nfkb1^{tm1Bal}/Nfkb1^{tm1Bal}](#)

RRID:MGI:3768245

Type: Organism

Proper Citation

RRID:MGI:3768245

Organism Information

URL:

Proper Citation: RRID:MGI:3768245

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

Species: Mus musculus

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

Phenotype: small Peyer's patches, decreased IgM level, large intestinal inflammation, peritoneal inflammation, increased susceptibility to bacterial infection induced morbidity/mortality, abnormal humoral immune response, decreased myeloid dendritic cell number, increased susceptibility to bacterial infection, cecum inflammation, decreased B cell proliferation, abnormal class switch recombination, premature death, decreased immunoglobulin level, abnormal Peyer's patch T cell area morphology, abnormal Peyer's patch follicle morphology, decreased Peyer's patch number, abnormal Peyer's patch germinal center morphology, abnormal colon morphology, diarrhea, decreased interleukin-6 secretion, decreased IgA level, decreased IgE level, decreased IgG1 level, decreased susceptibility to viral infection induced morbidity/mortality, decreased B cell proliferation, increased susceptibility to bacterial infection

Affected Gene: Nfkb1

Genomic Alteration: tm1Bal

Catalog Number: 3768245

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12055593](#), [PMID:7834752](#), [PMID:8598461](#), [PMID:11160181](#)

Organism Name: Nfkb1^{tm1Bal}/Nfkb1^{tm1Bal}

Record Creation Time: 20240120T190451+0000

Record Last Update: 20240130T202022+0000

Ratings and Alerts

No rating or validation information has been found for Nfkb1^{tm1Bal}/Nfkb1^{tm1Bal}.

No alerts have been found for Nfkb1^{tm1Bal}/Nfkb1^{tm1Bal}.

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.