

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

B6.129P2(D2)-*Tnfrsf9*^{tm1Byk}/Mmucd

RRID:MMRRC_029589-UCD

Type: Organism

Proper Citation

RRID:MMRRC_029589-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29589

Proper Citation: RRID:MMRRC_029589-UCD

Description: Mus musculus with name B6.129P2(D2)-*Tnfrsf9*^{tm1Byk}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Immunology and Inflammation, Virology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: cortical renal glomerulopathies [MP:0000523]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| skin lesions [MP:0001212]| abnormal lacrimal gland morphology [MP:0001346]| decreased IgM level [MP:0001806]| premature death [MP:0002083]| abnormal kidney morphology [MP:0002135]| abnormal outer ear morphology [MP:0002177]| increased immunoglobulin level [MP:0002461]| abnormal immunoglobulin level [MP:0002490]| increased IgA level [MP:0002495]| increased anti-nuclear antigen antibody level [MP:0004794]| increased susceptibility to systemic lupus erythematosus [MP:0004801]| abnormal class switch recombination [MP:0004816]| increased B-1 B cell number [MP:0004977]| abnormal cytotoxic T cell physiology [MP:0005078]| increased double-negative T cell number [MP:0005090]| increased T cell proliferation [MP:0005348]| decreased susceptibility to type IV hypersensitivity reaction [MP:0005616]| abnormal common myeloid progenitor cell morphology [MP:0006410]| increased CD4-positive [MP:0008074]| alpha beta T cell number [MP:0008206]| increased B-2 B cell number [MP:0008481]| increased spleen germinal center number [MP:0008495]| decreased IgG1 level [MP:0008496]| decreased IgG2a level [MP:0008498]| decreased IgG3 level [MP:0008500]| increased IgG2a level [MP:0008501]| increased IgG2b level [MP:0008567]| decreased interferon-gamma secretion [MP:0008664]| decreased interleukin-12 secretion [MP:0008688]| decreased interleukin-2 secretion [MP:0008699]| increased interleukin-4 secretion [MP:0008700]| decreased interleukin-4 secretion [MP:0008880]| lacrimal gland inflammation [MP:0009335]| decreased splenocyte

proliferation [MP:0009336]] increased splenocyte proliferation [MP:0013452]] increased lacrimal gland apoptosis [MP:0020518]

Affected Gene: Tnfrsf9

Catalog Number: 029589-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12023342](#)

Alternate IDs: MMRRC_29589-UCD, MMRRC_029589, MMRRC_29589

Organism Name: B6.129P2(D2)-*Tnfrsf9*^{tm1Byk}/Mmucd

Record Creation Time: 20230308T055116+0000

Record Last Update: 20260829T123302+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(D2)-*Tnfrsf9*^{tm1Byk}/Mmucd.

No alerts have been found for B6.129P2(D2)-*Tnfrsf9*^{tm1Byk}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.