

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

C.129(Cg)-Rag1^{tm1Bal} Igk-J^{tm2Mwg} Igh-J^{tm2(3H9-VDJ*)Mwg/Mmnc}

RRID:MMRRC_017244-UNC

Type: Organism

Proper Citation

RRID:MMRRC_017244-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=17244

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Description: Mus musculus with name C.129(Cg)-Rag1^{tm1Bal} Igk-J^{tm2Mwg} Igh-J^{tm2(3H9-VDJ*)Mwg/Mmnc} from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation, Models for Human Disease, Research Tools; Mutation Type: Targeted Mutation ; Collection:

Phenotype: spleen hypoplasia [MP:0000694] increased anti-double stranded DNA antibody level [MP:0004762] decreased B cell number [MP:0005017] abnormal marginal zone B cell morphology [MP:0008180] increased marginal zone B cell number [MP:0008181] abnormal B cell receptor editing [MP:0008766] arrested T cell differentiation [MP:0001825] kidney inflammation [MP:0001859] liver inflammation [MP:0001860] premature death [MP:0002083] abnormal kidney morphology [MP:0002135] abnormal CD4-positive [MP:0002432] alpha beta T cell morphology [MP:0002599] increased mean platelet volume [MP:0002703] abnormal renal tubule morphology [MP:0002962] increased urine protein level [MP:0003179] thrombocytopenia [MP:0004505] decreased renal glomerulus number [MP:0005048] abnormal thrombosis [MP:0008075] decreased CD4-positive [MP:0008078] alpha beta T cell number [MP:0009446] increased CD8-positive [MP:0009549]

Affected Gene: |Igk-J| |Rag1

Catalog Number: 017244-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12461083](#), [PMID:16393973](#), [PMID:17296939](#), [PMID:18424731](#)

Alternate IDs: MMRRC_17244-UNC, MMRRC_017244, MMRRC_17244

Organism Name: C.129(Cg)-*Rag1^{tm1Bal} Igk-j^{tm2Mwg} Igh-j^{tm2(3H9-VDJ*)Mwg}/Mmnc*

Record Creation Time: 20230308T054947+0000

Record Last Update: 20260801T123752+0000

Ratings and Alerts

No rating or validation information has been found for C.129(Cg)-*Rag1^{tm1Bal} Igk-j^{tm2Mwg} Igh-j^{tm2(3H9-VDJ*)Mwg}/Mmnc*.

No alerts have been found for C.129(Cg)-*Rag1^{tm1Bal} Igk-j^{tm2Mwg} Igh-j^{tm2(3H9-VDJ*)Mwg}/Mmnc*.

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.