

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

C.129S4(B6)-Prkdc^{tm1Get}/Mmnc

RRID:MMRRC_030046-UNC

Type: Organism

Proper Citation

RRID:MMRRC_030046-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30046

Proper Citation: RRID:MMRRC_030046-UNC

Description: Mus musculus with name C.129S4(B6)-Prkdc^{tm1Get}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal cell morphology [MP:0000358]| spleen hypoplasia [MP:0000694]| arrested B cell differentiation [MP:0001802]| decreased IgM level [MP:0001806]| thymus hypoplasia [MP:0001823]| arrested T cell differentiation [MP:0001825]| increased cellular sensitivity to gamma-irradiation [MP:0002007]| abnormal B cell differentiation [MP:0002144]| abnormal T cell differentiation [MP:0002145]| small lymph nodes [MP:0002217]| increased double-negative T cell number [MP:0005090]| increased double-positive T cell number [MP:0005091]| abnormal T cell number [MP:0006387]| increased NK cell number [MP:0008044]| decreased single-positive T cell number [MP:0008083]| decreased spleen white pulp amount [MP:0008479]| abnormal T cell receptor alpha chain V-J recombination [MP:0008756]| abnormal T cell receptor beta chain V(D)J recombination [MP:0008758]| abnormal T cell receptor delta chain V(D)J recombination [MP:0008759]| abnormal immunoglobulin heavy chain V(D)J recombination [MP:0008760]| abnormal immunoglobulin light chain V-J recombination [MP:0008761]| abnormal thymus corticomedullary boundary morphology [MP:0009543]

Affected Gene: Prkdc

Catalog Number: 030046-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_30046-UNC, MMRRC_030046, MMRRC_346

Organism Name: C.129S4(B6)-*Prkdc*^{tm1Get}/Mmnc

Record Creation Time: 20230308T055118+0000

Record Last Update: 20260801T124206+0000

Ratings and Alerts

No rating or validation information has been found for C.129S4(B6)-*Prkdc*^{tm1Get}/Mmnc.

No alerts have been found for C.129S4(B6)-*Prkdc*^{tm1Get}/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.