

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

STOCK *Dclre1c^{tm1Fwa} Prkdc^{tm1Get} /Mmnc*

RRID:MMRRC_030047-UNC

Type: Organism

Proper Citation

RRID:MMRRC_030047-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30047

Proper Citation: RRID:MMRRC_030047-UNC

Description: Mus musculus with name STOCK *Dclre1c^{tm1Fwa} 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] spleen hypoplasia [MP:0000694] decreased thymocyte number [MP:0000715] arrested B cell differentiation [MP:0001802] arrested T cell differentiation [MP:0001825] increased cellular sensitivity to gamma-irradiation [MP:0002007] induced chromosome breakage [MP:0004030] increased cellular sensitivity to ionizing radiation [MP:0004227] decreased double-positive T cell number [MP:0005092] absent B cells [MP:0008071] decreased CD4-positive

[MP:0008075] alpha beta T cell number [MP:0008079] decreased CD8-positive
[MP:0008213] alpha-beta T cell number [MP:0008758] absent immature B cells
[MP:0008866]

Affected Gene: |Dclre1c||Prkdc

Catalog Number: 030047-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_30047-UNC, MMRRC_030047, MMRRC_347

Organism Name: STOCK *Dclre1c^{tm1Fwa} Prkdc^{tm1Get}* /Mmnc

Record Creation Time: 20230308T055118+0000

Record Last Update: 20260808T124008+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Dclre1c^{tm1Fwa} Prkdc^{tm1Get}* /Mmnc.

No alerts have been found for STOCK *Dclre1c^{tm1Fwa} 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.