

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

C57BL/6-Prkdc^{scid}/Rbrc

RRID:IMSR_RBRC01346

Type: Organism

Proper Citation

RRID:IMSR_RBRC01346

Organism Information

URL: <https://brc.riken.jp/mus/RBRC01346>

Proper Citation: RRID:IMSR_RBRC01346

Description: Mus musculus with name C57BL/6-Prkdc^{scid}/Rbrc from IMSR.

Species: Mus musculus

Synonyms: B6Cr.Cg-Prkdc/Rbrc. B6Cr.CB17-Prkdc/Rbrc

Notes: gene symbol note: protein kinase; DNA activated; catalytic polypeptide; mutant strain: Prkdc

Affected Gene: protein kinase; DNA activated; catalytic polypeptide

Genomic Alteration: severe combined immunodeficiency

Catalog Number: RBRC01346

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Prkdc^{scid}/Rbrc

Record Creation Time: 20250513T061436+0000

Record Last Update: 20260801T054903+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Prkdc^{scid}/Rbrc.

No alerts have been found for C57BL/6-Prkdc^{scid}/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Kawase K, et al. (2023) High Expression of MHC Class I Overcomes Cancer Immunotherapy Resistance Due to IFN?? Signaling Pathway Defects. Cancer immunology research, 11(7), 895.

Rodriguez PC, et al. (2005) Arginase I in myeloid suppressor cells is induced by COX-2 in lung carcinoma. The Journal of experimental medicine, 202(7), 931.