

Resource Summary Report

Generated by [NIF](#) on Aug 11, 2026

B6J.Cg-Rack1^{tm1.1Cart}/Mmucd

RRID:MMRRC_044021-UCD

Type: Organism

Proper Citation

RRID:MMRRC_044021-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=44021

Proper Citation: RRID:MMRRC_044021-UCD

Description: Mus musculus with name B6J.Cg-Rack1^{tm1.1Cart}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Cell Biology, Immunology and Inflammation;
Mutation Type: Targeted Mutation ; Collection:

Affected Gene: Rack1

Catalog Number: 044021-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:28935684](#), [PMID:29025732](#)

Alternate IDs: MMRRC_44021-UCD, MMRRC_044021, MMRRC_4421

Organism Name: B6J.Cg-Rack1^{tm1.1Cart}/Mmucd

Record Creation Time: 20230308T055237+0000

Record Last Update: 20260808T124320+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-Rack1^{tm1.1Cart}/Mmucd.

No alerts have been found for B6J.Cg-*Rack1*^{tm1.1Cart}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Palmer VL, et al. (2025) RACK1 is required for normal B cell development and signaling but not RAG1 degradation. Journal of immunology (Baltimore, Md. : 1950).

Oudart M, et al. (2023) The ribosome-associated protein RACK1 represses Kir4.1 translation in astrocytes and influences neuronal activity. Cell reports, 42(5), 112456.