

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

RAG2 KO

RRID:NSRRC_0035

Type: Organism

Proper Citation

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Organism Information

URL: <https://nsrrc.missouri.edu/StrainAvail/>

Proper Citation: RRID:NSRRC_0035

Description: Application: Immunological studies, Xenotransplantation

Species: Sus scrofa

Notes: Application: Immunological studies, Xenotransplantation

Phenotype: no innate immune system

Affected Gene: RAG2

Genomic Alteration: RAG2 Knockout

Catalog Number: 35

Background: Minnesota Mini

Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Database Abbreviation: NSRRC

Source References: [PMID:24799706](#)

Organism Name: RAG2 KO

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260725T230456+0000

Ratings and Alerts

No rating or validation information has been found for RAG2 KO.

No alerts have been found for RAG2 KO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gaifem J, et al. (2024) Akkermansia muciniphila and Parabacteroides distasonis synergistically protect from colitis by promoting ILC3 in the gut. mBio, 15(4), e0007824.

Shi SX, et al. (2023) CD4+ T cells aggravate hemorrhagic brain injury. Science advances, 9(23), eabq0712.

Espéli M, et al. (2019) FcγRIIb differentially regulates pre-immune and germinal center B cell tolerance in mouse and human. Nature communications, 10(1), 1970.