

Resource Summary Report

Generated by SPARC SAWG on Aug 28, 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](https://pubmed.ncbi.nlm.nih.gov/24799706/)

Organism Name: RAG2 KO

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260815T230143+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 4 mentions in open access literature.

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

Li M, et al. (2026) SAICAR Drives T Regulatory Cell Differentiation and FOXP3 Maintenance to Promote Immunotherapy Resistance. Cancer research, 86(9), 2218.

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.