

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 2026

B6.129S4-C4b^{tm1Crr}/J

RRID:IMSR_JAX:003643

Type: Organism

Proper Citation

RRID:IMSR_JAX:003643

Organism Information

URL: <https://www.jax.org/strain/003643>

Proper Citation: RRID:IMSR_JAX:003643

Description: Mus musculus with name B6.129S4-C4b^{tm1Crr}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S4-C4/J

Notes: gene symbol note: complement C4B; mutant strain|congenic strain: C4b

Affected Gene: complement C4B

Genomic Alteration: targeted mutation 1; Michael C Carroll

Catalog Number: JAX:003643

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S4-C4b^{tm1Crr}/J

Record Creation Time: 20250513T053640+0000

Record Last Update: 20260725T044350+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-C4b^{tm1Crr}/J.

No alerts have been found for B6.129S4-C4b^{tm1Crr}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Gordan S, et al. (2019) The Immunological Organ Environment Dictates the Molecular and Cellular Pathways of Cytotoxic Antibody Activity. Cell reports, 29(10), 3033.

Bottermann M, et al. (2019) Complement C4 Prevents Viral Infection through Capsid Inactivation. Cell host & microbe, 25(4), 617.