

Resource Summary Report

Generated by [dkNET](#) on Aug 10, 2026

B6.129S2(Cg)-Ace2^{tm1}(ACE2)^{Dwnt}/J

RRID:IMSR_JAX:035000

Type: Organism

Proper Citation

RRID:IMSR_JAX:035000

Organism Information

URL: <https://www.jax.org/strain/035000>

Proper Citation: RRID:IMSR_JAX:035000

Description: Mus musculus with name B6.129S2(Cg)-Ace2^{tm1}(ACE2)^{Dwnt}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: angiotensin converting enzyme 2; mutant strain|congenic strain: Ace2

Affected Gene: angiotensin converting enzyme 2

Genomic Alteration: targeted mutation 1; David Wentworth

Catalog Number: JAX:035000

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129S2(Cg)-Ace2^{tm1}(ACE2)^{Dwnt}/J

Record Creation Time: 20250513T053846+0000

Record Last Update: 20260808T051043+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2(Cg)-Ace2^{tm1}(ACE2)^{Dwnt}/J.

No alerts have been found for B6.129S2(Cg)-Ace2^{tm1}(ACE2)^{Dwnt/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Zhang F, et al. (2023) Pan-sarbecovirus prophylaxis with human anti-ACE2 monoclonal antibodies. *Nature microbiology*, 8(6), 1051.

Perico L, et al. (2023) SARS-CoV-2 spike protein induces lung endothelial cell dysfunction and thrombo-inflammation depending on the C3a/C3a receptor signalling. *Scientific reports*, 13(1), 11392.

Tada T, et al. (2023) Vectored immunoprophylaxis and treatment of SARS-CoV-2 infection in a preclinical model. *Proceedings of the National Academy of Sciences of the United States of America*, 120(23), e2303509120.

Tada T, et al. (2023) Single-epitope T cell-based vaccine protects against SARS-CoV-2 infection in a preclinical animal model. *JCI insight*, 8(7).

McMahon CL, et al. (2023) Fetal brain vulnerability to SARS-CoV-2 infection. *Brain, behavior, and immunity*, 112, 188.

Sa?? P, et al. (2022) Frequent detection but lack of infectivity of SARS-CoV-2 RNA in presymptomatic, infected blood donor plasma. *The Journal of clinical investigation*, 132(17).

Winkler ES, et al. (2022) SARS-CoV-2 Causes Lung Infection without Severe Disease in Human ACE2 Knock-In Mice. *Journal of virology*, 96(1), e0151121.