

Resource Summary Report

Generated by [ASWG](#) on Aug 23, 2026

STOCK Arg2^{tm1Weo}/J

RRID:IMSR_JAX:020286

Type: Organism

Proper Citation

RRID:IMSR_JAX:020286

Organism Information

URL: <https://www.jax.org/strain/020286>

Proper Citation: RRID:IMSR_JAX:020286

Description: Mus musculus with name STOCK Arg2^{tm1Weo}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Arg2/J

Notes: gene symbol note: arginase type II; mutant stock: Arg2

Affected Gene: arginase type II

Genomic Alteration: targeted mutation 1; William E O'Brien

Catalog Number: JAX:020286

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Arg2^{tm1Weo}/J

Record Creation Time: 20250513T053741+0000

Record Last Update: 20260815T050653+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Arg2^{tm1Weo}/J.

No alerts have been found for STOCK Arg2^{tm1Weo}/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 [ASWG](#) .

West EE, et al. (2023) Loss of CD4⁺ T_H1 cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. *Immunity*, 56(9), 2036.

Davis NM, et al. (2021) Metabolomic Analysis of Diverse Mice Reveals Hepatic Arginase-1 as Source of Plasma Arginase in *Plasmodium chabaudi* Infection. *mBio*, 12(5), e0242421.