

Resource Summary Report

Generated by T1D on Sep 20, 2026

STOCK Cd36^{tm1.1ljg/J}

RRID:IMSR_JAX:032276

Type: Organism

Proper Citation

RRID:IMSR_JAX:032276

Organism Information

URL: <https://www.jax.org/strain/032276>

Proper Citation: RRID:IMSR_JAX:032276

Description: Mus musculus with name STOCK Cd36^{tm1.1ljg/J} from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Cd36/J

Notes: gene symbol note: CD36 molecule; mutant stock: Cd36

Affected Gene: CD36 molecule

Genomic Alteration: targeted mutation 1.1; Ira J Goldberg

Catalog Number: JAX:032276

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: STOCK Cd36^{tm1.1ljg/J}

Record Creation Time: 20250513T053827+0000

Record Last Update: 20260919T055011+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Cd36^{tm1.1ljg/J}.

No alerts have been found for STOCK Cd36^{tm1.1ljg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Mehrabani-Tabari AA, et al. (2025) Inhibition of autophagy-lysosomal function exacerbates microglial and monocyte lipid metabolism reprogramming and dysfunction after brain injury. bioRxiv : the preprint server for biology.

Wang J, et al. (2024) Lipolysis engages CD36 to promote ZBP1-mediated necroptosis-impairing lung regeneration in COPD. Cell reports. Medicine, 5(9), 101732.

Abe I, et al. (2022) Lipolysis-derived linoleic acid drives beige fat progenitor cell proliferation. Developmental cell, 57(23), 2623.