

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

C57BL/6NCrI-Awat2^{em1(IMPC)Mbp}/Mmucd

RRID:MMRRC_043484-UCD

Type: Organism

Proper Citation

RRID:MMRRC_043484-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=43484

Proper Citation: RRID:MMRRC_043484-UCD

Description: Mus musculus with name C57BL/6NCrI-Awat2^{em1(IMPC)Mbp}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Affected Gene: Awat2

Catalog Number: 043484-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_43484-UCD, MMRRC_043484, MMRRC_43484

Organism Name: C57BL/6NCrI-Awat2^{em1(IMPC)Mbp}/Mmucd

Record Creation Time: 20230308T055233+0000

Record Last Update: 20260801T124557+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NCrI-Awat2^{em1(IMPC)Mbp}/Mmucd.

No alerts have been found for C57BL/6NCrl-Awat2^{em1(IMPC)Mbp}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Butovich IA, et al. (2025) Lipid composition determines thermotropic properties of meibum of animals and humans with Meibomian gland disorders. bioRxiv : the preprint server for biology.

Butovich IA, et al. (2025) Lipid Composition and Thermotropic Properties of Meibum of Animal Models and Humans with Meibomian Gland Dysfunction. International journal of molecular sciences, 26(23).

Wiedemann J, et al. (2024) The effects of age and dysfunction on meibomian gland population dynamics. The ocular surface, 34, 194.