

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 1, 2025

C57BL/6J-Atp2a2^{tm1.1Raco}/Raco

RRID:MGI:5780876

Type: Organism

Proper Citation

RRID:MGI:5780876

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:5780876>

Proper Citation: RRID:MGI:5780876

Description: laboratory mouse with name C57BL/6J-Atp2a2^{tm1.1Raco}/Raco from MGI.

Species: laboratory mouse

Notes: Strain Type: coisogenic

Catalog Number: 5780876

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: C57BL/6J-Atp2a2^{tm1.1Raco}/Raco

Record Creation Time: 20230227T022138+0000

Record Last Update: 20250420T080710+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Atp2a2^{tm1.1Raco}/Raco.

No alerts have been found for C57BL/6J-Atp2a2^{tm1.1Raco}/Raco.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Su H, et al. (2022) Substitution of the SERCA2 Cys674 reactive thiol accelerates atherosclerosis by inducing endoplasmic reticulum stress and inflammation. British journal of pharmacology, 179(20), 4778.

Wang L, et al. (2022) Substitution of SERCA2 Cys674 accelerates aortic aneurysm by inducing endoplasmic reticulum stress and promoting cell apoptosis. British journal of pharmacology, 179(17), 4423.

Que Y, et al. (2021) Inactivation of SERCA2 Cys674 accelerates aortic aneurysms by suppressing PPAR?. British journal of pharmacology, 178(11), 2305.

Liu G, et al. (2020) Inactivation of Cys674 in SERCA2 increases BP by inducing endoplasmic reticulum stress and soluble epoxide hydrolase. British journal of pharmacology, 177(8), 1793.