

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

C57BL/6-Hdac4^{tm1.1MrI}

RRID:IMSR_TAC:8739

Type: Organism

Proper Citation

RRID:IMSR_TAC:8739

Organism Information

URL: <https://www.taconic.com/mouse-model/hdac4-cko-8739>

Proper Citation: RRID:IMSR_TAC:8739

Description: Mus musculus with name C57BL/6-Hdac4^{tm1.1MrI} from IMSR.

Species: Mus musculus

Notes: gene symbol note: histone deacetylase 4; mutant strain: Hdac4

Affected Gene: histone deacetylase 4

Genomic Alteration: targeted mutation 1.1; Merck Research Laboratory

Catalog Number: TAC:8739

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: C57BL/6-Hdac4^{tm1.1MrI}

Record Creation Time: 20250513T053519+0000

Record Last Update: 20260808T050722+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Hdac4^{tm1.1MrI}.

No alerts have been found for C57BL/6-Hdac4^{tm1.1MrI}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Kang H, et al. (2021) Inhibition of alcohol-induced inflammation and oxidative stress by astaxanthin is mediated by its opposite actions in the regulation of sirtuin 1 and histone deacetylase 4 in macrophages. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1866(1), 158838.