

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

C57BL/6N-Nagk^{tm1a(EUCOMM)}Hmgu/H

RRID:IMSR_EM:05309

Type: Organism

Proper Citation

RRID:IMSR_EM:05309

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=5309>

Proper Citation: RRID:IMSR_EM:05309

Description: Mus musculus with name C57BL/6N-Nagk^{tm1a(EUCOMM)}Hmgu/H from IMSR.

Species: Mus musculus

Notes: gene symbol note: N-acetylglucosamine kinase; mutant strain: Nagk

Affected Gene: N-acetylglucosamine kinase

Genomic Alteration: targeted mutation 1a; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EM:05309

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: MGI:5556544, IMSR_HAR:4574

Organism Name: C57BL/6N-Nagk^{tm1a(EUCOMM)}Hmgu/H

Record Creation Time: 20250513T062227+0000

Record Last Update: 20260815T055721+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Nagk^{tm1a(EUCOMM)Hmgu/H}.

No alerts have been found for C57BL/6N-Nagk^{tm1a(EUCOMM)Hmgu/H}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wang N, et al. (2022) Mapping brain gene coexpression in daytime transcriptomes unveils diurnal molecular networks and deciphers perturbation gene signatures. Neuron, 110(20), 3318.