

Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

C57BL/6NTac-Kcnh4^{tm1a}(KOMP)Wtsi/WtsiPh

RRID:IMSR_EM:08235

Type: Organism

Proper Citation

RRID:IMSR_EM:08235

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=8235>

Proper Citation: RRID:IMSR_EM:08235

Description: Mus musculus with name C57BL/6NTac-Kcnh4^{tm1a}(KOMP)Wtsi/WtsiPh from IMSR.

Species: Mus musculus

Notes: gene symbol note: potassium voltage-gated channel; subfamily H (eag-related); member 4; mutant strain: Kcnh4

Affected Gene: potassium voltage-gated channel; subfamily H (eag-related); member 4

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:08235

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: IMSR_EM:07262

Organism Name: C57BL/6NTac-Kcnh4^{tm1a}(KOMP)Wtsi/WtsiPh

Record Creation Time: 20250513T062243+0000

Record Last Update: 20260725T053013+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NTac-Kcnh4^{tm1a(KOMP)Wtsi/WtsiPh}.

No alerts have been found for C57BL/6NTac-Kcnh4^{tm1a(KOMP)Wtsi/WtsiPh}.

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 [PRECISE-TBI](#) .

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.