

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

129P2/OlaHsd-Naa25^{Gt(pGT0pfs)}YHA006Byg

RRID:IMSR_CARD:1549

Type: Organism

Proper Citation

RRID:IMSR_CARD:1549

Organism Information

URL: <https://cardmice.com/rbase/strain?strainid=1549>

Proper Citation: RRID:IMSR_CARD:1549

Description: Mus musculus with name 129P2/OlaHsd-Naa25^{Gt(pGT0pfs)}YHA006Byg from IMSR.

Species: Mus musculus

Synonyms: 129P2/OlaHsd-Naa25/Card

Notes: gene symbol note: N(alpha)-acetyltransferase 25; NatB auxiliary subunit; mutant stock: Naa25

Affected Gene: N(alpha)-acetyltransferase 25; NatB auxiliary subunit

Catalog Number: CARD:1549

Database: Center for Animal Resources and Development

Database Abbreviation: CARD

Availability: embryo

Organism Name: 129P2/OlaHsd-Naa25^{Gt(pGT0pfs)}YHA006Byg

Record Creation Time: 20250513T061355+0000

Record Last Update: 20260725T052033+0000

Ratings and Alerts

No rating or validation information has been found for 129P2/OlaHsd-Naa25 Gt(pGT0pfs)YHA006Byg.

No alerts have been found for 129P2/OlaHsd-Naa25 Gt(pGT0pfs)YHA006Byg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Center for Animal Resources and Development

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Park Y, et al. (2025) Mirodenafil improves cognitive function by reducing microglial activation and blood-brain barrier permeability in ApoE4 KI mice. *Frontiers in aging neuroscience*, 17, 1579411.

Ivanich K, et al. (2025) Ketogenic Diet Modulates Gut Microbiota-Brain Metabolite Axis in a Sex- and Genotype-Specific Manner in APOE4 Mice. *Journal of neurochemistry*, 169(9), e70216.

Toro CA, et al. (2021) The Human ApoE4 Variant Reduces Functional Recovery and Neuronal Sprouting After Incomplete Spinal Cord Injury in Male Mice. *Frontiers in cellular neuroscience*, 15, 626192.

Zhao N, et al. (2020) Alzheimer's Risk Factors Age, APOE Genotype, and Sex Drive Distinct Molecular Pathways. *Neuron*, 106(5), 727.

Tensaouti Y, et al. (2020) Apolipoprotein E regulates the maturation of injury-induced adult-born hippocampal neurons following traumatic brain injury. *PloS one*, 15(3), e0229240.

Tensaouti Y, et al. (2018) ApoE Regulates the Development of Adult Newborn Hippocampal Neurons. *eNeuro*, 5(4).

Huynh TV, et al. (2017) Age-Dependent Effects of apoE Reduction Using Antisense Oligonucleotides in a Model of β -amyloidosis. *Neuron*, 96(5), 1013.