

Resource Summary Report

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

B6(Cg)-Psen2^{tm2.1}(PSEN2*N141I)Mdk

Isr(HSA19;APOE_i4)2Mdk

Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J

RRID:IMSR_JAX:040827

Type: Organism

Proper Citation

RRID:IMSR_JAX:040827

Organism Information

URL: <https://www.jax.org/strain/040827>

Proper Citation: RRID:IMSR_JAX:040827

Description: Mus musculus with name B6(Cg)-Psen2^{tm2.1}(PSEN2*N141I)Mdk Isr(HSA19;APOE_i4)2Mdk Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Psen2 Isr(HSA19;APOE_i4)2Mdk Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J

Notes: gene symbol note: presenilin 2|interspecies replacement; human Chr 17; Michael Koob 4|interspecies replacement; human Chr 19; Michael Koob 2|amyloid beta precursor protein|presenilin 1; mutant strain: Psen2|Isr(HSA17;MAPT*N279K)4Mdk|Isr(HSA19;APOE_i4)2Mdk|App|Psen1

Affected Gene: presenilin 2|interspecies replacement; human Chr 17; Michael Koob 4|interspecies replacement; human Chr 19; Michael Koob 2|amyloid beta precursor protein|presenilin 1

Genomic Alteration: targeted mutation 2.1; Michael D Koob|interspecies replacement; human Chr 17; Michael Koob 4|interspecies replacement; human Chr 19; Michael Koob 2|targeted mutation 1.1; Michael D Koob|targeted mutation 4.1; Michael D Koob

Catalog Number: JAX:040827

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(Cg)-Psen2^{tm2.1(PSEN2*N141I)}Mdk Isr(HSA19;APOE_i4)2Mdk Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J

Record Creation Time: 20260609T041303+0000

Record Last Update: 20260725T053616+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Psen2^{tm2.1(PSEN2*N141I)}Mdk Isr(HSA19;APOE_i4)2Mdk Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J.

No alerts have been found for B6(Cg)-Psen2^{tm2.1(PSEN2*N141I)}Mdk Isr(HSA19;APOE_i4)2Mdk Isr(HSA17;MAPT*N279K)4Mdk Psen1 App/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.