

Resource Summary Report

Generated by ASWG on Aug 9, 2026

B6;D2-Tg(APOE-NPC1L1)20Lqyu/J

RRID:IMSR_JAX:008408

Type: Organism

Proper Citation

RRID:IMSR_JAX:008408

Organism Information

URL: <https://www.jax.org/strain/008408>

Proper Citation: RRID:IMSR_JAX:008408

Description: Mus musculus with name B6;D2-Tg(APOE-NPC1L1)20Lqyu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: NPC1 like intracellular cholesterol transporter 1|transgene insertion 20; Liqing Yu|apolipoprotein E; mutant stock: NPC1L1|Tg(APOE-NPC1L1)20Lqyu|APOE

Affected Gene: NPC1 like intracellular cholesterol transporter 1|transgene insertion 20; Liqing Yu|apolipoprotein E

Genomic Alteration: transgene insertion 20; Liqing Yu

Catalog Number: JAX:008408

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;D2-Tg(APOE-NPC1L1)20Lqyu/J

Record Creation Time: 20250513T053708+0000

Record Last Update: 20260808T050913+0000

Ratings and Alerts

No rating or validation information has been found for B6;D2-Tg(APOE-NPC1L1)20Lqyu/J.

No alerts have been found for B6;D2-Tg(APOE-NPC1L1)20Lqyu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Toyoda Y, et al. (2019) Pathophysiological importance of bile cholesterol reabsorption: hepatic NPC1L1-exacerbated steatosis and decreasing VLDL-TG secretion in mice fed a high-fat diet. *Lipids in health and disease*, 18(1), 234.

Toyoda Y, et al. (2019) Identification of hepatic NPC1L1 as an NAFLD risk factor evidenced by ezetimibe-mediated steatosis prevention and recovery. *FASEB bioAdvances*, 1(5), 283.